Service Manual

LCD Projector





PT-LB80NTU
PT-LB80NTEA
PT-LB80U
PT-LB80E
PT-LB80EA
PT-LB75NTU
PT-LB75NTE
PT-LB75NTEA
PT-LB75U
PT-LB75E
PT-LB75E

The service technician is required to read and follow the "Safety Precautions" and "Important Safety Notice" in this service manual. **Specifications** Power supply: 100 V - 240 V AC, 50 Hz / 60 Hz **VARIABLE AUDIO OUT:** Single-Line, M3 jack (Stereo MINI) Power consumption: (Monitor output/stereo compatible) 300 W [During standby (when fan is stopped): 0 V [rms]-2.0 V [rms] (variable) Approx. 4 W] SERIAL: D-sub 9-pin RS-232C compatible Amps: 3.5 A - 1.2 A Wireless LAN (PT-LB80NT**/LB75NT** only): LCD panel: Compatible: IEEE802.11b/IEEE802.11g Panel size (diagonal): 0.63 type (16.00 mm) (Wireless LAN standard protocol) Aspect ratio: 4:3 Wireless channel: Display method: 3 transparent LCD panels (RGB) PT-LB80NTU: Active matrix method Drive method: Pixels: 786 432 (1 024 × 768) × 3 panels IEEE802.11b/IEEE802.11g: 1-11 channels PT-LB80NTE/EA: Lens: IEEE802.11b/IEEE802.11g: 1-13 channels Manual zoom (1.2x) / Manual focus Distance: 30 m Depends on the usage environment F 1.6 - 1.9, f 18.8 mm - 22.6 mm (PT-LB80NT**, PT-LB80**) Cabinet: Molded plastic (PC+ABS) F 1.7 - 1.9, f 18.5 mm - 22.2 mm (PT-LB75NT**, PT-LB75**) Lamp: UHM lamp (220 W) **Dimensions:** Width: 368 mm Luminosity: 3 200 Im (PT-LB80NT**, PT-LB80**) 2 600 lm (PT-LB75NT**, PT-LB75**) Height: 88 mm Length: 233 mm (not including surface projection parts) Operating environment: Weight: 2.96 kg Temperature: 0°C - 40°C (when the ALTITUDE is set to "HIGH": 0°C - 35°C) Certifications: PT-LB80NTU/LB80U, PT-LB75NTU/LB75U: Humidity: 20 % - 80 % (no condensation) Scanning frequency (for RGB signals): UL60950-1, C-UL, FCC Class B, Horizontal scanning frequency: ICES-003 Class B 15 kHz - 91 kHz PT-LB80NTE/EA, PT-LB80E/EA, PT-LB75NTE/EA, 50 Hz - 85 Hz Vertical scanning frequency: 110 MHz or less PT-LB75UE/EA: Dot clock frequency: COMPONENT (YPBPR) signals: EN60950-1, EN55022, EN61000-3-2, 525i (480i), 525p (480p), 625i (576i), 625p (576p), EN61000-3-3, EN55024 <Remote control unit> 750 (720)/50p, 750 (720)/60p 1 125 (1 080)/50i, Power supply: 1 125 (1 080)/60i 3 V DC (AA battery × 2) Color system: Operating range: 7 (NTSC / NTSC 4.43 / PAL / PAL-M / PAL-N / PAL60 / Approx. 15 m SECAM) (when operated directly in front of signal receptor) Projection size: 838.2 mm - 7 620 mm Dimensions: Width: 48 mm Throw distance: 1.1 m - 11.6 m Height: 24.5 mm Screen aspect ratio: 4:3 (not including surface projection parts) Installation (Menu selection method): FRONT/DESK, FRONT/CEILING, REAR/DESK, Length: 163 mm REAR/CEILING (Menu selection method) Weight: 117 g (including batteries) Speakers: 1piece 4 cm ×2 cm Accessories: Max. usable volume output: 1.0 W Remote control unit PT-LB80NT**/LB75NT** (N2QAYB000260): 1 Terminals: PT-LB80**/LB75** (N2QAYB000262): S-VIDEO IN: Single-line, Mini DIN 4p 1 AA batteries for remote control unit (x2): Y: 1.0 V [p-p], C: 0.286 V [p-p], 75 Ω 1 VIDEO IN: Single-line, RCA pin jack Power cord: PT-LB80NTU/LB80U, PT-LB75NTU/LB75U: 1.0 V [p-p], 75 Ω K2CG3DR00007 COMPUTER: Single-line, D-sub HD 15-pin (female) PT-LB80NTE/EA, PT-LB80E/EA, PT-LB75NTE/EA, RGB input/output PT-LB75E/EA: RGB: 0.7 V [p-p], 75 Ω K2CM3DR00004 (continental) G SYNC: 1.0 V [p-p], 75 Ω PT-LB80NTE/EA, PT-LB80E/EA, PT-LB75NTE/EA, YPBPR/YCBCR input/output PT-LB75E/EA: Y: 1.0 V [p-p] (Including sync), 75 Ω K2CT3DR00008 (U.K) 1 PB/CB, (PR/CR): 0.7 V [p-p], 75 Ω HD, VD/SYNC: TTL high impedance, automatic K2CM3DR00004 1 positive/negative polarity compatible RGB signal cable (K1HA15DA0002): 1 CD-ROM (PT-LB80NT**/LB75NT** only) **AUDIO IN: TQBH9011** Single-Line, RCA pin jack × 2 (L-R) 1

• Specifications are subject to change without notice.

1

Power cord secure lock (TMXX051):

Carrying bag (TPEP021):

Ceiling bracket: ET-PKB80

· Weight and dimensions shown are approximate.

Options:

0.5 V [rms]

0.5 V [rms]

Single-Line, M3 jack (Stereo MINI)

COMPUTER AUDIO IN:

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Trademark Acknowledgements

- VGA and XGA are trademarks of International Business Machines Corporation.
- S-VGA is a registered trademark of the Video Electronics Standards Association.
- The font used in the on-screen displays is a Ricoh bitmap font, which is manufactured and sold by Ricoh Company, Ltd. All other trademarks are the property of the various trademark owners.

Precaution

If using of this projector at high elevations (above 1 400 m), set ALTITUDE to HIGH. (Refer to "Option settings" in Operating Instructions.)

Failure to observe this may cause malfunctions.

Never use this projector at an elevation of 2 700 m or higher.

Using this projector at high elevations, consult your dealer or Authorized Service Center about preparations.

About lead free solder (PbF)

This projector is using the P.C.Board which applies lead free solder. The use of lead free solder is recommended from the standpoint of antipollution for the global environment in service.

Notes:

- Lead free solder: Sn-Ag-Cu (tin, silver and copper) has a higher melting point (approx. 217°C) than standard solder. Typically, the melting point is 30°C to 40°C higher. When servicing, use a high temperature soldering iron with temperature limitation function and set it to 370±10°C.
- Be precautious about lead free solder: Sn-Ag-Cu (tin, silver and copper) will tend to splash when heated too high (approx. 600°C or higher).
- Use lead free solder for the P.C.Board (specified on it as "PbF") which uses lead free solder. (When you unavoidably use lead solder, use lead solder after removing lead free solder. Or be sure to heat the lead free solder until it melts completely, before applying lead solder.)
- · After soldering to double layered P.C.Boards, check the component side for excess solder which may flow onto the opposite side. About the identification of the lead free solder P.C.Board

For the P.C.Board which applies lead free solder, the symbol as shown in the figure below is printed or stamped on the surface or the back of P.C.Board.



For US

IMPORTANT SAFETY NOTICE |

There are special parts used in Panasonic LCD Projectors which are important for safety. These parts are shaded on the schematic diagram. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of PANASONIC BROADCAST & TELEVISION SYSTEMS COMPANY.

WARNING:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any unauthorized changes or modifications to this equipment will void the users authority to operate.

CONTENTS

Page	Page
1 Safety Precautions5	1.3. UV Precaution and UHM Lamp Precautions
1.1. General Guidelines5	2 Ext Option
1.2. Leakage Current Check5	2.1. Procedure to enter EXT OPTION

2.2. EXT OPTION Menu and Functions	6	7.17. Replacement of PBS Array (Analysis Block)	20
2.3. Canceling EXT OPTION	8	8 Measurement and Adjustments	21
3 Self-Check Mode	8	8.1. Cautions for Adjustment	21
3.1. Procedure to enter the self-check mode ·····	8	8.2. Setting Before Adjustment	21
3.2. Self Check Display and Contents	9	8.3. Convergence Adjustment	21
3.3. Canceling the self-check mode	10	8.4. Software for Adjustment	22
4 Test Pattern	10	8.5. Flicker Adjustment ·····	27
4.1. Procedure to display test patterns	10	8.6. Input Level Adjustment	27
4.2. Canceling the test pattern display	10	8.7. Model Information Setup	27
5 Flicker Adjustment Mode	10	9 Troubleshooting	29
5.1. Procedure to enter the adjustment mode	10	10 Interconnection Block Diagram	41
5.2. Adjustment Display and Contents	10	10.1. Interconnection Block Diagram (1/2)	41
5.3. Canceling the flicker adjustment mode ·····	10	10.2. Interconnection Block Diagram (2/2)	42
6 Using the SERIAL Connector	11	11 Block Diagram	43
6.1. Connection	11	11.1. Power Supply	43
6.2. Pin Layout and Signal Names for SERIAL Conne	ector 11	11.2. Signal Processing (1/3)	44
6.3. Communication Settings	11	11.3. Signal Processing (2/3)	45
6.4. Control commands	12	11.4. Signal Processing (3/3)	
6.5. Communication Cable Specifications	12	12 Schematic Diagram	47
7 Disassembly Instructions	13	12.1. A-P.C.Board (1/6)	48
7.1. Printed Circuit Board and Main Parts Location		12.2. A-P.C.Board (2/6)	
7.2. Removal of Upper Case ·····	14	12.3. A-P.C.Board (3/6)	
7.3. Removal of A-P.C.Board	14	12.4. A-P.C.Board (4/6)	
7.4. Removal of K1-P.C.Board and K2-P.C.Board Blo	ck 14	12.5. A-P.C.Board (5/6)	
7.5. Removal of S-Module ·····	15	12.6. A-P.C.Board (6/6)	
7.6. Removal of WL-P.C.Board (Only for PT-		12.7. WL-P.C.Board (1/2)	
LB80NT**/LB75NT**)		12.8. WL-P.C.Board (2/2)	
7.7. Removal of Z-P.C.Board ·····		12.9. S-Module	
7.8. Removal of B/Q-Module ·····		12.10. K-P.C.Board ·····	
7.9. Removal of P-Module ·····		12.11. B-Module (1/2)	
7.10. Removal of Lamp Unit	17	12.12. B-Module (2/2)	
7.11. Removal of Analysis Block and Projection Lens -		13 Circuit Boards	
7.12. Removal of LCD Block	17	13.1. A-P.C.Board ·····	
7.13. Replacement of LCD Panel (B)	18	13.2. S-Module, WL-P.C.Board ·····	
7.14. Replacement of Incidence Polarizer (G)	18	14 Terminal guide of ICs and transistors ·····	
7.15. Replacement of Incidence Polarizer (R and B)	19	15 Exploded Views	
7.16. Replacement of Projection Polarizer	19	16 Replacement Parts List	68

1 Safety Precautions

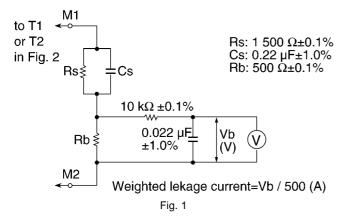
1.1. General Guidelines

- For continued safety, no modification of any circuit must be attempted.
- Unplug the power cord from the power outlet before disassembling this projector.
- · Use correctly the supplied power cord and must ground it.
- It is advisable to use an isolation transformer in the AC power line before the service.
- Be careful not to touch the rotation part (cooling fan, etc.) of this projector when you service with the upper case removed and the power supply turned ON.
- Observe the original lead dress during the service. If a short circuit is found, replace all the parts overheated or damaged by the short circuit.
- After the service, all the protective devices such as insulation barriers, insulation papers, shields, and isolation R-C combinations must be properly installed.
- After the service, check the leakage current to prevent the customer from getting an electric shock.

1.2. Leakage Current Check

1. Prepare the measuring circuit as shown in Fig.1.

Be sure to use a voltmeter having the performance described in Table 1.



	Perform	ance
Voltmeter (rms reading)	Accuracy: Input resistance: Input capacitance: Frequency range:	

Table 1

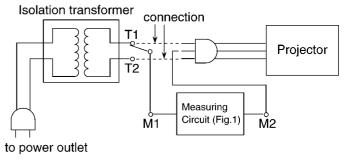


Fig. 2

- 2. Assemble the circuit as shown in Fig. 2. Plug the power cord in a power outlet.
- Connect M1 to T1 according to Fig. 2 and measure the voltage.
- 4. Change the connection of M1 from T1 to T2 and measure the voltage again.
- 5. The voltmeter must read 0.375 V or lower in both of steps 3 and 4. This means that the current must be 0.75 mA or less.
- 6. If the reading is out of the above standard, the projector must be repaired and rechecked before returning to the customer because of a possibility of an electric shock.

1.3. UV Precaution and UHM Lamp Precautions

- Be sure to unplug the power cord from the power outlet when replacing the lamp.
- Because the lamp reaches a very high temperature during its operation, wait until it cools completely when replacing the Lamp Unit.
- The lamp emits small amounts of UV-radiation, avoid directeye contact with the light.
- The lamp unit has high internal pressure. If improperly handled, explosion might result.
- Because the high pressure lamp involves a risk of failure, never touch the lamp wire lead during the service. (See Fig. 3)

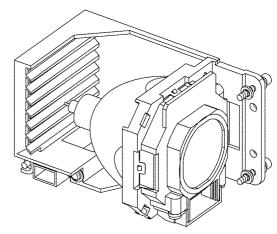


Fig.3

2 Ext Option

This projector has EXT OPTION in addition to standard on-screen menus.

· There are SELF CHECK and TEST PATTERN for service, etc.

2.1. Procedure to enter EXT OPTION

- 1. Press "MENU" button on the main unit or remote control unit to display "MENU" screen, then select "OPTION" and press "ENTER" button.
- 2. Select "INPUT GUIDE" on "OPTION" menu and press "ENTER" button 3 seconds or longer.

MENU → OPTION → INPUT GUIDE

2.2. EXT OPTION Menu and Functions

EXT OPTION

FREEZE MESSAGE OFF / ON FAN FULL MODE OFF / ON **AUTO SETUP** STANDARD / SPECIAL SYNC STANDARD / SPECIAL VGA60/480p AUTO/VGA60/480p **HPLL** OFF / ON **EMULATE** DEFAULT/TYPE1/TYPE2/OTHER OFF / ON AUDIO IN STANDBY **OVER SCAN** 1 / 2 LAST POWER MEMORY OFF / ON

CLOSED CAPTION STANDARD / SPECIAL

MENU LOCK OFF / ON

MENU LOCK PASSWORD ANGLE RESET SELF CHECK TEST PATTERN FLICKER ADJUST - PT-LB80NTU/LB80U/LB75NTU/LB75U only

· FREEZE MESSAGE

Switching ON/OFF "FREEZE" on-screen display

· FAN FULL MODE

Setting the cooling fan motor rotation speed

- Switching ON "FAN FULL MODE", the rotation level of the fan becomes high-speed rotation (fixed). Moreover, when "FAN FULL MODE" is ON, changing "ALTITUDE" in OPTION becomes impossible (setting "FAN FULL MODE" is given priority more than "ALTITUDE").
- · AUTOSETUP

Setting AUTO SETUP mode

- STANDARD: To set the normal mode (the dot clock is adjusted strictly))
- SPECIAL: To set the special mode (the dot clock is adjusted roughly)

Note:

- Do not change the initial setting (STANDARD).

· SYNC

Setting SYNC processing mode

- STANDARD: To set the normal mode
- SPECIAL: To set the special mode (noise reduction mode)

Note:

- Do not change the setting when it is possible to receive normally.

Change the setting only when the image is not displayed normally because of the sync signal noise of connected equipment.

- · VGA60/480p
 - AUTO: Switching RGB of VGA60 and 480p automatically
 - VGA60: Inputting signals in 59.9Hz / VGA480
 - 480p: Inputting signals in RGB of 480p
- · HPLL

When non-standard signal of VIDEO/S-VIDEO is inputted (VCR, VHD, etc.), horizontal synchronization might be disordered according to connected equipment. In this case, set HPLL to OFF.

· EMULATE

Switching the operation of RS-232C command to communicate with models other than LB80 series.

- DEFAULT: LB80 series standard, F100 series standard, D3500
- TYPE1: L730/L780/L735/LB/LC series
- TYPE2: L785
- OTHER: Models other than the above-mentioned (Consult your dealer or Authorized Service Center for details.)

· AUDIO IN STANDBY

Setting the audio output when STANDBY

- OFF: Does not output it.
- ON: Outputs it.

Note:

- When setting it to "ON", audio source of the input channel when the power supply is turned off (switched to STANDBY) is outputted. Do with the remote control unit, control panel or RS-232C communication when you switch the channel. The audio volume can be adjusted by the remote control unit or RS-232C communication.

· OVER SCAN

Setting the rate of over scanning

- 1: Approx. 6%
- 2: Approx. 4%

Note:

- Normally, set it to "1".

· LAST POWER MEMORY

- ON: Ordinary mode [If unplugging the power code during the projecting mode (lamp ON), the projector will start from the projecting mode when the power code will be connected next time.]
- OFF: Always becomes STANDBY mode [Even if unplugging the power code during the projecting mode (lamp ON), the projector will start from the standby mode when the power code will be connected next time.]

Note:

It is effective only when the setting of "DIRECT POWER ON" that is the submenu of "OPTION" menu is OFF.

- · CLOSED CAPTION
 - STANDARD: To set the normal mode
 - SPECIAL: To set the special mode

(For DVD and/or VCR with time-based corrector, jitter of the character is improved.)

Note:

- Do not change the setting when it is possible to receive normally.

Normally, set it to "STANDARD".

· MENU LOCK

Switching ON/OFF "MENU LOCK" function

- OFF: Accessible to MENU
- ON: The access to MENU is restricted (The password is required).
 - When MENU LOCK is set to "ON", the password input screen is displayed when it accesses the menu, and the adjustment in the menu item is locked.

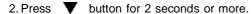
· MENU LOCK PASSWORD

Setting the password into MENU LOCK

- The default password is "AAAA".

When you want to reset the password into the default password, do the following operation.

1. Press on the remote control unit the AUTO SETUP button, or on the main unit the INPUT SELECT button and the button at the same time for 2 seconds or more.



· ANGLE RESET

Resetting "Real-time Keystone" reference level

Note:

- Normally, do not select. (Angle reset data will be rewritten.)
- · SELF CHECK

To enter the self-check mode

· TEST PATTERN

To display test patterns

· FLICKER ADJUST

To enter the flicker adjustment mode

2.3. Canceling EXT OPTION

Press "MENU" button on the main unit or remote control unit.

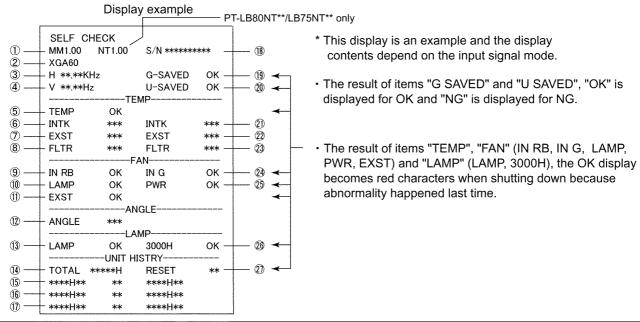
3 Self-Check Mode

This mode is used to narrow down the location of the failure.

3.1. Procedure to enter the self-check mode

Select "SELF CHECK" on "EXT OPTION" menu and press "ENTER" button on the main unit or remote control unit.

3.2. Self Check Display and Contents



	Display Contents	Remarks		
1	Software Version	Main microprocessor and Network/SD CPU (PT-LB80NT**/LB75NT** only) software version		
2	Signal discrimination: Resolution name	Input signal name (Displays "No-Sync" when no signal input.)		
3	Horizontal Signal Frequency	COMPLITED (DCP) signal recention only		
4	Vertical Signal Frequency	COMPUTER (RGB) signal reception only		
5	Temperature Abnormality Check	Cause of Lamp Malfanction		
6	Intake Air Thermosensor Measurement Value *1	Around Air Inlet (A/D conversion value: 0 - 255)		
7	Exhaust Air Thermosensor Measurement Value *1	Around Air Outlet (A/D conversion value: 0 - 255)		
8	Blocked Thermosensor Measurement Value	On the M2-P.C.Board (A/D conversion value: 0 - 255)		
9	Intake Fan (R, B) Stop Check	It is distinguished whether the fan operates correctly.		
10	Lamp Fan Stop Check	It is distinguished whether the fan operates correctly.		
11)	EXhaust Fan Stop Check	It is distinguished whether the fan operates correctly.		
12	Degree of angle of the projector	Degree of angle of the projector that is temperature-corrected output value of		
		the acceleration sensor		
13	Lamp - Abnormality Check	Cause of Lamp Malfanction		
14)	Total Usage Time	Projector Cumulative Usage Time		
15	Lamp ON - Cumulative Usage Time /	Current Cumulative Usage Time and ON Frequency of the lamp are		
16	Frequency	shown from the left		
1		First Shown from the left.		
18	Product Serial Number	Displays the serial number of this projector.		
19	Gamma Correction Data Check	It is distinguished whether gamma data is stored in the flash ROM.		
20	Color Unevenness Correction Data Check	It is distinguished whether color unevenness correction data is stored in the flash ROM.		
21)	Intake Air Thermosensor A/D Conversion Value	Temperature (0 - 255) around the air inlet when the last thermal shutdown occurs		
22	Exhaust Air Thermosensor A/D Conversion Value	10		
23	Blocked Thermosensor A/D Conversion Value	Thermosensor measurement value (0 - 255) when the last thermal shutdown occurs		
24	Intake Fan (G) Stop Check	It is distinguished whether the fan operates correctly.		
25	Power Fan Stop Check	It is distinguished whether the fan operates correctly.		
26	Lamp - Judgment for Cumulative Usage	Judgment for Replacement Time of Lamp		
	more than 3 000 h			
2	Lamp - Reset Frequency of Cumulative	Reset Frequency		
	Usage Time			

^{*1} When detected abnormal temperature (high temperature around the air inlet and/or outlet ports), TEMP indicator turned on. If arriving at the critical temperature, the power supply will be shutdown automatically and the indicator will flash.

3.3. Canceling the self-check mode

Press "MENU" button on the main unit or remote control unit.

4 Test Pattern

This projector displays seven kinds of test patterns [Horizontal lines, Vertical lines, Dots, Crosshatch, White cross, Black cross and White (No pattern)] in the four colors (White, Red, Green and Blue).

Note:

• Because the above patterns can be displayed by each color without test equipment such as PC or SG, use it for simplified adjustments by your eyes and so on.

4.1. Procedure to display test patterns

Select "TEST PATTERN" on "EXT OPTION" menu and press "ENTER" button on the main unit or remote control unit.

Note:

• On the test pattern screen, pressing the up-arrow " ▲ " or down-arrow " ▼ " button allows the test pattern selection and the left-arrow " ◀ " or right-arrow " ▶ " button the color selection (White / Red / Green / Blue).

4.2. Canceling the test pattern display

Press "MENU" button on the main unit or remote control unit.

5 Flicker Adjustment Mode

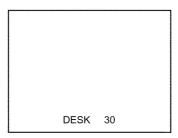
If replacing the optical parts (LCD Panel / LCD block) of this projector and/or A-P.C.Board (assembly), enter the flicker adjustment mode and minimize the flicker.

5.1. Procedure to enter the adjustment mode

Select "FLICKER ADJUST" on "EXT OPTION" menu and press "ENTER" button on the main unit or remote control unit.

Note:

"DESK setting (blue)" is displayed when entering the adjustment mode.



Adjustment Display when DESK setting

5.2. Adjustment Display and Contents

- · Setting value is increased and decreased with the right-arrow " ▶ " and left-arrow " ◀ " buttons.
- " ◀ ": Decrease, " ▶ ": Increase
- Adjust the setting value to minimize the flicker on the screen.
- Execute the adjustment by 6 patterns below.
- The pattern (adjustment display) is switched with the up-arrow " ▲ " and down-arrow " ▼ " buttons.
- " 🛕 ": Forward direction, " 🔻 ": Reverse direction
 - There are 6 patterns of "DESK setting (blue)", "DESK setting (red)", "DESK setting (green)", "CEILING setting (blue)", "CEILING setting (red)" and "CEILING setting (green)".
 - The setting value is saved into this projector when the pattern is switched.

5.3. Canceling the flicker adjustment mode

Press "MENU" button on the main unit or remote control unit.

Note:

When "MENU" button is pressed, the setting value at that time is saved into this projector and the adjustment mode is canceled.

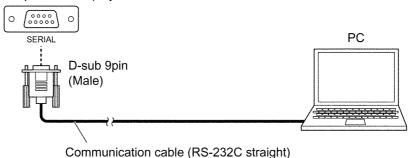
6 Using the SERIAL Connector

The serial connector which is on the back connector panel of the projector conforms to RS-232C standard. This projector can be controlled by a PC which is connected as shown in "6.1. Connection".

For controlling this projector by a PC, requires communication software on the market, and inputs control commands according to Communication Settings and Control Commands below.

6.1. Connection

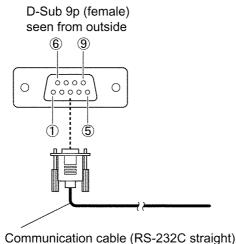
⟨Back connector panel of the projector⟩



Note:

Use a proper communication cable which is suitable for the PC to connect SERIAL connector and the PC.

6.2. Pin Layout and Signal Names for SERIAL Connector



Signal Name	Contents
	NC
TXD	Transmit data
RXD	Receive data
	NC
GND	Ground
DSR	
CTS	Connected internally
RTS	
	NC
	TXD RXD GND DSR CTS

Communication cable (NO-2020 straight

6.3. Communication Settings

Signal Level	Contents		Description
Sync. method		Asynchronous	Synchronizes every 1 character (8 bits)
Baud rate	Conforms to	9 600 bps	Data transfer speed
Parity	RS-232C	None	Error detection method
Character length	standard	8 bits	Number of bit composing 1 character
Stop bit		1 bit	Uses stop bit when asynchronous method
X parameter		Not used	
S parameter		Not used	

6.4. Control commands

PrintDB Refer to "Control Commands".

6.5. Communication Cable Specifications

At	the proje	ctor	At	the PC (DTE)
	1	NC	NC	1
	2			2
	3			3
	4	NC	NC	4
	5			5
	6	DSR	NC	6
Γ	7			7
L	8			8
	9	NC	NC	9

7 Disassembly Instructions

Warning:

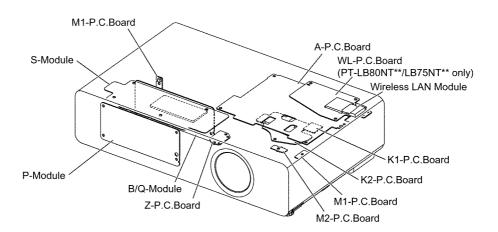
· Be sure to unplug the power cord from the power outlet before disassembling this projector.

Caution:

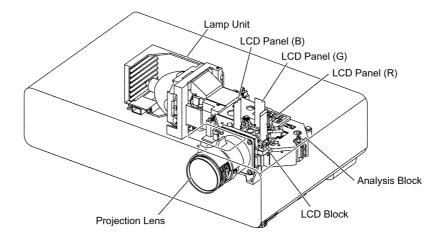
- · While turning over a printed circuit board, be sure to put a insulating material under it to prevent a short circuit.
- · Printed circuit boards and wires must not be pulled forcibly, but be handled carefully.
- · Connectors also must be handled carefully.
- · When reassembling, replace used adhesive tape with new one (Do not re-use used tape).
- · After repairing this projector, be sure to put back the wires and connectors to the original condition.
- Service or repair the product according to service information on the service manual, etc. so that a fire, injury or electric shock caused by an improper repair may not occur.
 - 1. Do not modify equipments, components and materials when attempting to service or repair.
 - 2. Do not repair nor connect wires even in case of a part of the disconnection when the wiring unit is supplied as a replacement parts, replace the wiring unit (complete).
 - 3. For a fasten terminal (push-in type terminal), pull out or insert straightly without twisting it.
 - 4. When the fuse has blown, do not turn on the power supply replacing only the fuse because the secondary disaster of fumes, fire or other hazards is expected. Turn on the power supply after doing the confirmation and measures of defective causes (structure and circuit, etc.).
 - 5. After the service or the repair is completed, confirm the operation of the product is normal.
 - 6. Do handling and safekeeping carefully because the user setup information remains in the projector.

7.1. Printed Circuit Board and Main Parts Location

Electrical Parts

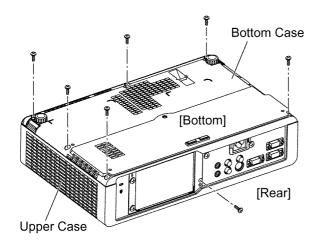


Optical Parts



7.2. Removal of Upper Case

- 1. Turn the projector upside down.
- 2. Unscrew the 7 screws.



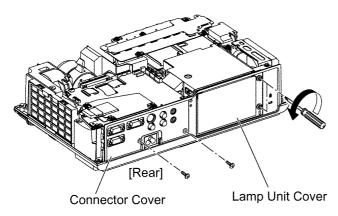
- 3. Return the projector to the normal position.
- 4. Remove the upper case.

7.3. Removal of A-P.C.Board

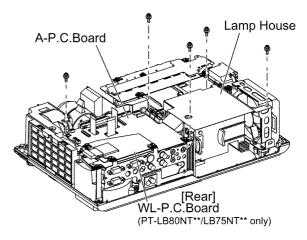
- 1. Remove the upper case according to the section 7.2. "Removal of Upper Case".
- 2. Loosen the 2 screws until they idle, remove the lamp unit cover.

Note:

- For the interlock switch damage prevention when reassembling, must remove the lamp unit cover.
- 3. Unscrew the 2 screws and remove the connector cover.



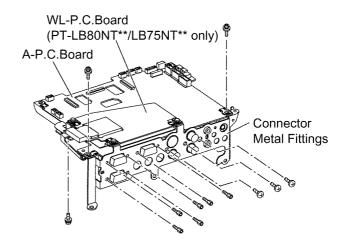
- 4. Unscrew the 3 screws and remove the Lamp house.
- Unscrew the 2 screws and remove the A-P.C.Board block (with WL-P.C.Board).



6. Unscrew the 12 screws and remove the connector metal fittings.

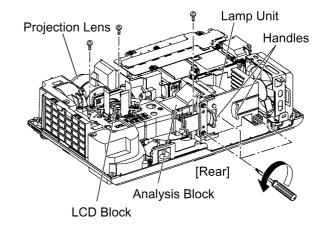
Note:

• For PT-LB80NT**/LB75NT**, WL-P.C.Board is attached on the connector metal fittings. Be careful with handling.

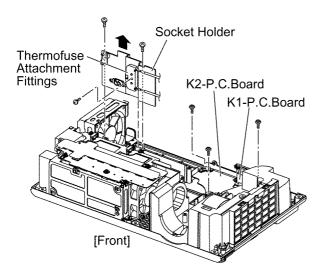


7.4. Removal of K1-P.C.Board and K2-P.C.Board Block

- 1. Remove the A-P.C.Board block according to the steps 1 through 5 in the section 7.3. "Removal of A-P.C.Board".
- 2. Loosen the 3 screws until they idle, remove the lamp unit with the handle.
- 3. Unscrew the 3 screws and remove the block of Analysis Block, LCD Block and Projection Lens.

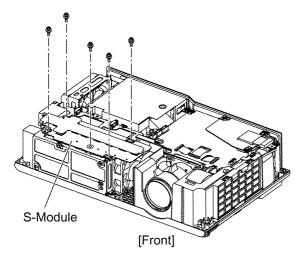


- 4. Unscrew the 2 screws fixing the socket holder.
- 5. Lift the socket holder, then unscrew the 1 screw and remove the thermofuse attachment fittings.
- Disconnect the connector between power block and K2-P.C.Board.
- 7. Unscrew the 3 screws and remove the block of K1-P.C.Board and K2-P.C.Board.



7.5. Removal of S-Module

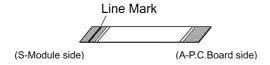
- 1. Remove the upper case according to the section 7.2. "Removal of Upper Case".
- 2. Unscrew the 5 screws and remove the S-Module.



Note:

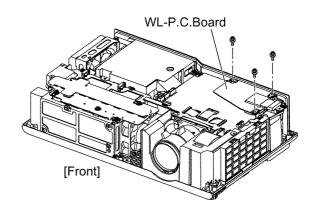
 If you disconnected the flexible cable between S-Module and A-P.C.Board, must put back it to the original condition (Connection described below).

If it makes a mistake in the direction of insertion, the projector does not operate correctly.



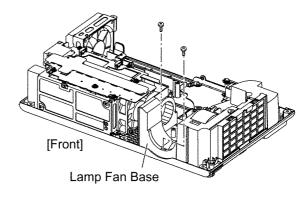
7.6. Removal of WL-P.C.Board (Only for PT-LB80NT**/LB75NT**)

- 1. Remove the upper case according to the section 7.2. "Removal of Upper Case".
- 2. Unscrew the 3 screws and remove the WL-P.C.Board.

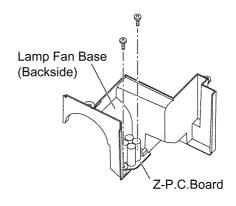


7.7. Removal of Z-P.C.Board

- Remove the block of Analysis Block, LCD Block and Projection Lens according to the steps 1 through 3 in the section 7.11. "Removal of Analysis Block and Projection Lens".
- 2. Unscrew the 2 screws and remove the lamp fan base.

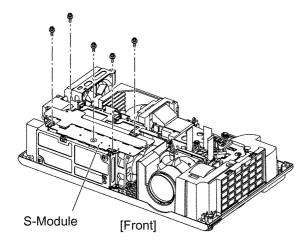


3. Unscrew the 2 screws and remove the Z-P.C.Board.

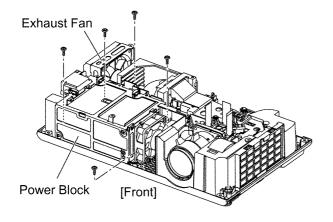


7.8. Removal of B/Q-Module

- 1. Remove the A-P.C.Board block according to the steps 1 through 5 in the section 7.3. "Removal of A-P.C.Board".
- 2. Unscrew the 5 screws and remove the S-Module.



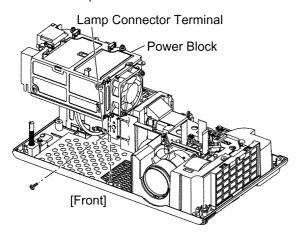
- 3. Unscrew the 2 screws and remove the exhaust fan.
- 4. Unscrew the 3 screws fixing the power block (B/Q-Module and P-Module).



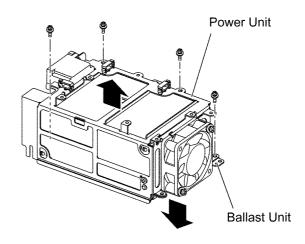
5. Lift the power block, then unscrew the 1 screw and remove the lamp connector terminal.

Note:

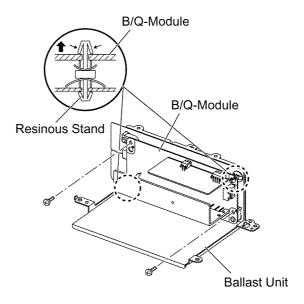
- Because the lead wire between the power block and the lamp connector terminal is short, be careful not to apply excessive force into it.
- 6. Remove the power block.



7. Unscrew the 4 screws and separate the ballast unit and the power unit.

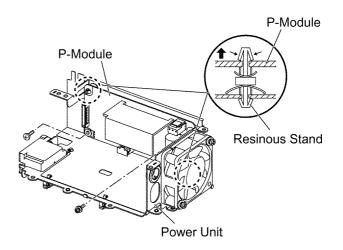


- 8. Unscrew the 2 screws.
- 9. While pressing to shut each hook of the 2 resinous stands, remove the B/Q-Module.



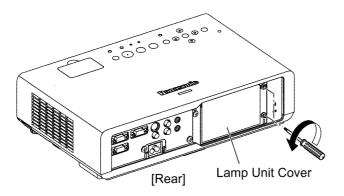
7.9. Removal of P-Module

- Remove the power unit (P-Module block) according to the steps 1 through 7 in the section 7.8. "Removal of B/Q-Module".
- 2. Unscrew the 2 screws.
- 3. While pressing to shut each hook of the 2 resinous stands, remove the P-Module.

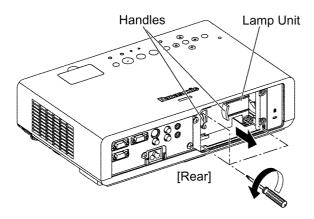


7.10. Removal of Lamp Unit

1. Loosen the 2 screws until they idle, remove the lamp unit cover.



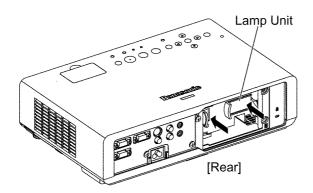
2. Loosen the 3 screws until they idle, remove the lamp unit with the handles.



Note:

 When installing the lamp unit in the main unit, place it in a specified position and press the connector side and the opposite sides of the lamp unit (arrow positions shown in the figure below), and confirm the lamp unit is inserted securely.

Then, tighten the 3 screws fixing the lamp unit, and attach the lamp unit cover.

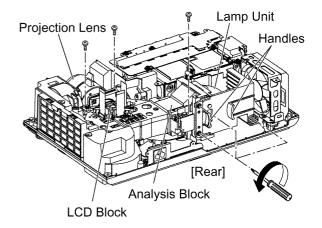


7.11. Removal of Analysis Block and Projection Lens

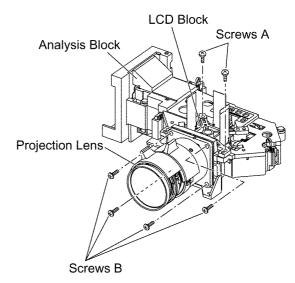
- 1. Remove the A-P.C.Board block according to the steps 1 through 5 in the section 7.3. "Removal of A-P.C.Board".
- 2. Loosen the 3 screws until they idle, remove the lamp unit

with the handle.

3. Unscrew the 3 screws and remove the block of Analysis Block, LCD Block and Projection Lens.



- 4. Unscrew the 2 screws A and remove the LCD block .
- 5. Unscrew the 4 screws B and remove the projection lens (the analysis block remains).

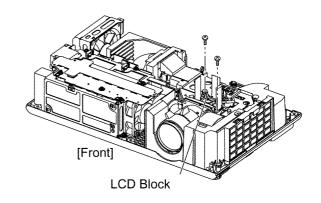


7.12. Removal of LCD Block

- 1. Remove the A-P.C.Board block according to the steps 1 through 5 in the section 7.3. "Removal of A-P.C.Board".
- 2. Unscrew the 2 screws and remove the LCD block.

Note:

• Be careful not to touch the surface of prism and LCD panel.



7.13. Replacement of LCD Panel (B)

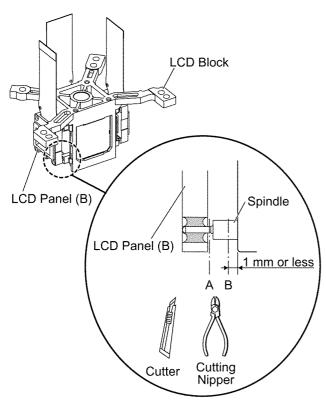
Remove the LCD block according to the section 7.12.
 "Removal of LCD Block".

Note:

- Be careful not to touch the surface of prism and LCD panel.
- Cut the 4 LCD panel installation spindles at the position A and remove the LCD panel.
- Cut the 4 LCD panel installation spindles at the position B and remove them.

Notes:

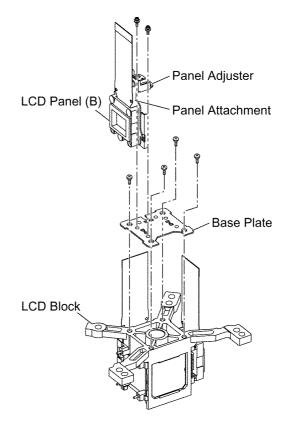
- Work carefully not to apply external force around the spindle part by using a cutter, cutting nipper or the like for cutting the spindle.
- Adjust the height after the spindle is cut to 1 mm or less.



- 4. Attach the base plate with 4 screws.
- 5. Tighten the 2 screws temporarily just until new LCD panel (with the panel attachment and panel adjuster) can be shifted by your fingers.

Note:

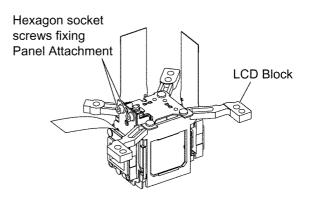
 The panel adjustment fittings set (panel attachment, panel adjuster and base plate) is an option for service.



- Reassemble the projector in the reverse order of disassembling, but leave the upper case and the screws fixing the A-P.C.Board block as they are removed.
- 7. Adjust the convergence according to the section 8.3. "Convergence Adjustment".
- 8. After the adjustment, while paying attention not to vary the adjusting result, tighten the 2 screws fixing the panel attachment with a hexagon head wrench.

Note:

· Prepare a hexagon head wrench processed short.



9. Reassemble the projector as it was.

7.14. Replacement of Incidence Polarizer (G)

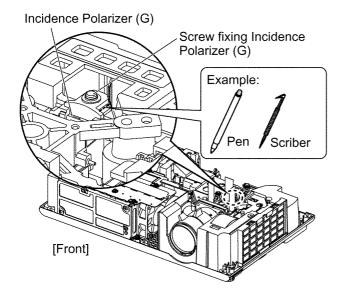
- 1. Remove the A-P.C.Board block according to the steps 1 through 5 in the section 7.3. "Removal of A-P.C.Board".
- 2. Mark positions of the incidence polarizer (G).

Note:

· Mark accurately as possible because the marks will

be used for resetting the incidence polarizer position.

- Unscrew the 1 screw and remove the incidence polarizer (G).
- 4. Attach a new incidence polarizer (G) and align it with the mark.
- 5. Tighten the 1 screw with care not to move the incidence polarizer position.

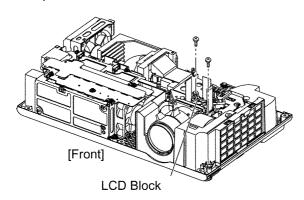


7.15. Replacement of Incidence Polarizer (R and B)

- 1. Remove the A-P.C.Board block according to the steps 1 through 5 in the section 7.3. "Removal of A-P.C.Board".
- 2. Unscrew the 2 screws and remove the LCD block.

Note:

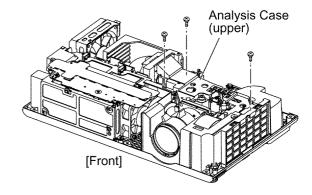
• Be careful not to touch the surface of prism and LCD panel.



3. Unscrew the 3 screws and remove the analysis case (upper) .

Note:

• The incidence polarizer (G) is installed in the analysis case (upper). Handle with care not to apply external force to the incidence polarizer (G).

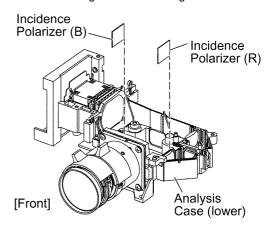


4. Replace the incidence polarizer.

Note:

 Do not touch the incidence polarizer directly by the hand.

Must use a fingerstall or clean gloves.



7.16. Replacement of Projection Polarizer

- The procedure is described as an example of projection polarizer (B).
- 1. Remove the LCD block according to the section 7.12. "Removal of LCD Block".

Note:

- Be careful not to touch the surface of prism and LCD panel.
- 2. Remove the projection polarizer which requires replacing. (The projection polarizer is secured with adhesive tape.)

Notes:

- Be careful not to damage peripheral components (prism, LCD panel, etc.).
- · Use tweezers.
- 3. Install new projection polarizer.
 - a. Put adhesive tape on the projection polarizer.
 - b. Stick the projection polarizer on the specified position.

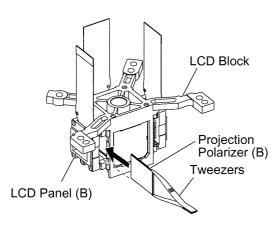
Notes:

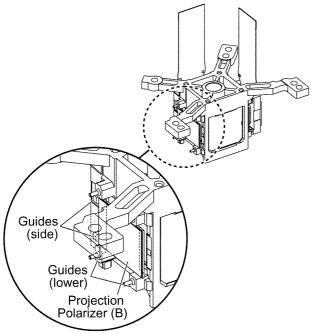
- · Align the projection polarizer with the guides (lower, side) of LCD block.
- Be careful not to touch the surface of projection polarizer.
- · Use tweezers.

 If the surface of projection polarizer is caught, it might be damaged.

Must catch the edge of projection polarizer with tweezers.

c. Press the adhesive part and secure the projection polarizer.



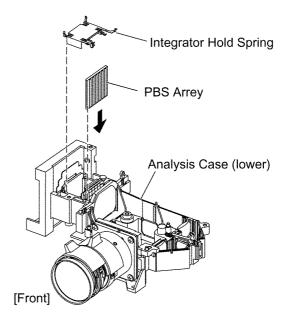




- 1. Remove the analysis case (upper) according to the steps 1 through 3 in the section 7.15. "Replacement of Incidence Polarizer (R and B)".
- 2. Remove the PBS array.
- 3. Install new PBS array.

Note:

- Be careful not to mistake the direction (inside and outside, upper and lower).
- · Be careful not to touch the surface of PBS array.



8 Measurement and Adjustments

When the following components in this projector are replaced, adjustments are required. Adjust each item according to the table below.

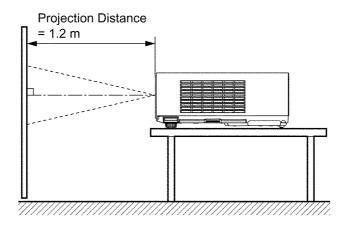
Adjustment Item	Replaced Component			Remarks
Aujustinent item	LCD Panel (B)	LCD Block	A-P.C.Board	Kemarks
Convergence Adjustment	Required	-	-	
Flicker Adjustment	Required	Required	Required	Using the adjustment mode
Input Level Adjustment	-	-	Required	Using Adjustment Tool

8.1. Cautions for Adjustment

- · Never unplug the power cord until the power indicator on the projector illuminates red.
- · To maintain and ensure safety, always use the designated components for replacement parts.
- · If removing any clamps, lead wires or connectors, always place them back in their proper locations.
- · Be careful not to damage the lead wires or components when using a soldering iron or similar tool.

8.2. Setting Before Adjustment

- · Set up the projector to obtain the projection distance below.
- Turn the zoom ring of the projector to obtain the largest size of the picture.



8.3. Convergence Adjustment

Execute this adjustment when replacing the LCD panel (B) .

8.3.1. Tools to be used

Service Kit (Part No. TZSH07026): This kit is composed of 3 extension flexible cables.

Note:

· Consult your dealer or Authorized Service Center for the service kit.

8.3.2. Preparation

1. Loosen 2 screws fixing the panel adjuster and 2 screws fixing the panel attachment, then tighten the 4 screws temporarily just until the LCD panel can be shifted by your fingers.

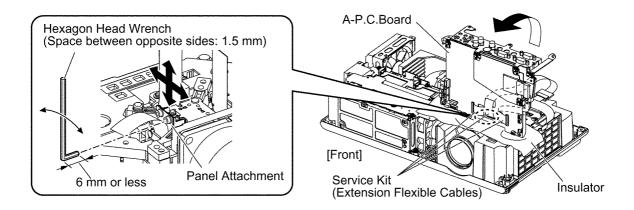
Note:

- See figures in the section 7.13. "Replacement of LCD Panel (B)" for 2 screws fixing the panel adjuster and 2 screws fixing the panel attachment.
- 2. Reassemble the projector in the reverse order of disassembling, but leave the upper case and the screws fixing the A-P.C.Board block as they are removed.
- 3. Connect the service kit (extension flexible cables).
 - · Each flexible cable of LCD Panels (R/G/B) Connectors (A1/A2/A3) on A-P.C.Board

4. Covering with an insulator (cloth or the like) to prevent a short circuit, set the A-P.C.Board block on the main unit.

Note:

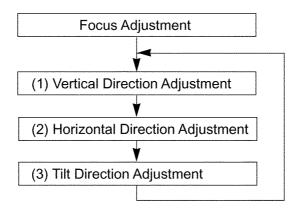
· Handle with care not to apply external force to connecting parts which connect the main unit and A-P.C.Board.



8.3.3. Adjustment Procedure

Prepare 2 pieces of thick black paper (23 mm x 100 mm) that can be shaded.

- · Cover and shade LCD panels (R) and (G) with the paper.
- 1. Display the green crosshatch pattern and adjust the lens focus.
- 2. Display green and blue crosshatch patterns.
- 3. Adjust focus by shifting the panel adjuster for LCD panel (B) back and forth, then tighten the 2 screws.
- 4. Adjust the LCD panel (B) position so that the vertical center of blue crosshatch pattern is overlapped with the vertical center of green crosshatch pattern.
- 5. Adjust the LCD panel (B) position so that the horizontal center of blue crosshatch pattern is overlapped with the horizontal center of green crosshatch pattern.
- 6. Correct the tilt of the blue crosshatch pattern by adjusting the LCD panel (B) position.
- 7. Display green, red and blue crosshatch patterns and confirm the convergence. If it is necessary, fine adjust the convergence so that the blue crosshatch pattern is overlapped with green one.



Repeat steps (1) to (3) until the green and blue crosshatch patterns merge into a cyan pattern.

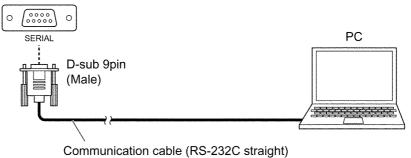
8. After the adjustment, reassemble the projector according to the steps 8 in the section 7.13. "Replacement of LCD Panel (B)".

8.4. Software for Adjustment

8.4.1. **Outline**

- · This projector needs computer-aided adjustments.
- · After the software adjustments, this projector must be turned off and on again to memorize the settings.
- · Connect the cable between the projector and a PC as shown below.
- · Updating the software will change the version number.

⟨Back connector panel of the projector⟩



8.4.2. Operating Procedure

1. Run software program by the keyboard entry.

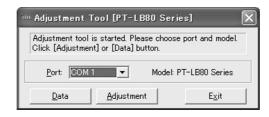
Note:

· Use the software program as below.

Adjustment Tool [PT-LB80, LW80 Series]

- 2. The first menu is Port selection menu.
- 3. Adjust the projector by selecting the necessary item from the menu in each stage.

8.4.3. Port Selection Menu



Select the applying item with the list box and click "Data" or "Adjustment".

8.4.3.1. Explanation of Buttons

Port:

Port name of PC which connects with the projector

Data:

Displays the data setting menu.

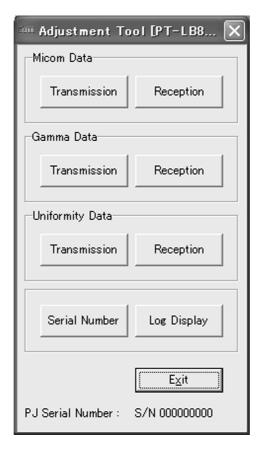
Adjustment:

Displays the adjustment menu.

Exit:

Exits this application.

8.4.4. Data Setting Menu



8.4.4.1. Explanation of Buttons

Micom Data Transmission:

Reads the microcomputer data from the file and transmits it to the projector.

Micom Data Reception:

Receives the microcomputer data from the projector and writes it in the file.

Gamma Data Transmission:

Reads the gamma data from the file and transmits it to the projector.

Gamma Data Reception:

Receives the gamma data from the projector and writes it in the file.

Uniformity Data Transmission:

Reads the color unevenness correction data from the file and transmits it to the projector.

Uniformity Data Reception:

Receives the color unevenness correction data from the projector and writes it in the file.

Serial Number

Displays the serial number setting menu.

Log Display

Displays the log receiving menu.

Exit:

Exits this application.

8.4.4.2. Receiving and transmitting of the data

Click a target button and specify a file name.

8.4.4.3. Setting the Serial Number

Set the serial number if the A-P.C.Board is replaced and the product serial number disappears.

Note:

· Set the projector into standby mode (POWER indicator on the projector illuminated red), and execute the procedure in

8.4.4.3.3.

8.4.4.3.1. Setting Menu



8.4.4.3.2. Explanation of Buttons

Send:

Sends and writes the serial number to the projector.

Receive:

Receives the serial number from the projector.

Close:

Closes this dialog.

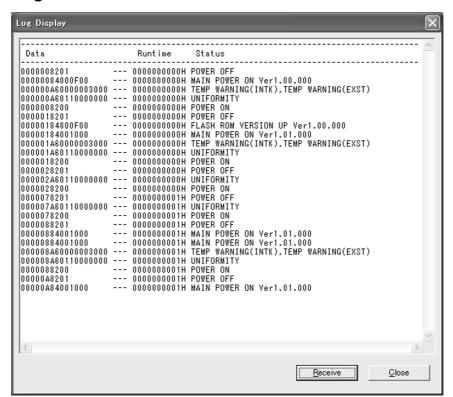
8.4.4.3.3. Setting Procedure

- 1. Display the serial number setting menu.
- 2. Click "Send" button after inputting the serial number.

8.4.4.4. Receiving Log Information

Log information on errors etc. that occurred in this projector can be accessed.

8.4.4.4.1. Receiving Menu



8.4.4.4.2. Explanation of Buttons

Receive:

Receives the log information.

Close:

Closes this display.

8.4.4.3. Receiving Procedure

- 1. Display the log receiving menu.
- 2. Click "Receive" button.

Note:

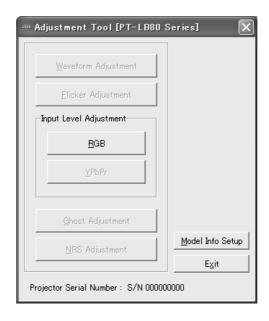
· The state displayed in log information and the meaning are as follows.

Displayed Status	Meaning
POWER ON	Power ON
POWER OFF	Power OFF
LAMP CHANGE	Lamp replacement
MAIN POWER ON	Main power ON
FLASH ROM VERSION UP	Flash ROM rewriting
INTERNAL ERROR	Internal error
FAN ERROR	Fan error (Stop)
TEMP ERROR(INTK)	Intake air temperature error
TEMP ERROR(EXST)	Exhaust air temperature error
RUNTIME OVER	Lamp cumulative usage time excess
LAMP ERROR	Lamp error (Lamp unit is damaged.)
SENSOR ERROR(INTK)	Intake air thermosensor is disconnected.
SENSOR ERROR(EXST)	Exhaust air thermosensor is disconnected.
TEMP WARNING(INTK)	Intake air temperature warning
TEMP WARNING(EXST)	Exhaust air temperature warning
RUNTIME WARNING	Lamp cumulative usage time warning

Error details

Displayed Status	Meaning
SS HANGUP	Momentary halt
S6 HANGUP	S6 hangs up
GAMMA	No gamma data
UNIFORMITY	No color unevenness correction data
FAN(IN RB)	Intake fan (R, B) stop
FAN(PWR)	Power fan stop
FAN(IN G)	Intake fan (G) stop
FAN(EXST)	Exhaust fan stop
FAN(LAMP)	Lamp fan stop
LAMP	Lamp unit is damaged.

8.4.5. Adjustment Menu



8.4.5.1. Explanation of Buttons

Input Level Adjustment RGB:

Displays the RGB input level adjustment menu.

Model Info Setup

Displays the model information setup menu.

Exit:

Exits this application.

8.5. Flicker Adjustment

According to the procedure of chapter 5 "Flicker Adjustment Mode", minimize the flicker.

8.6. Input Level Adjustment

8.6.1. Adjustment Menu



8.6.2. Explanation of Buttons

OK:

Executes automatic sub contrast and sub brightness adjustments, then closes this dialog.

Cancel:

Cancels this menu.

8.6.3. Equipment to be used

PC, RGB Signal Generator, Software for Adjustment

8.6.4. Adjustment Procedure

- 1. Display Input Level Adjustment(RGB) menu.
- 2. Input a window pattern signal to COMPUTER 1 IN connector.

Note:

· Use approx. 15 % window pattern as follows.

Black background (screen width): White window width = 2:1

Black background (screen height): White window height = 3:1

- · Use the window pattern of XGA (1 024 x 768).
- 3. Click the OK button.

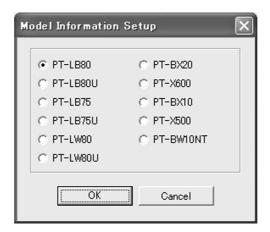
8.7. Model Information Setup

Set the model information when the A-P.C.Board is replaced.

Note:

• et the projector into standby mode (POWER indicator on the projector illuminated red), and execute the procedure in 8.7.4.

8.7.1. Adjustment Menu



8.7.2. Explanation of Buttons

Radio buttons:

Selects the corresponding model name.

OK:

Executes model information setup, then closes this dialog.

Cancel:

Cancels this menu.

8.7.3. Equipment to be used

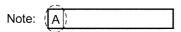
PC, Software for Adjustment

8.7.4. Setup Procedure

- 1. Display Model Information Setup menu.
- 2. Select the corresponding model name.
- 3. Click the OK button.

9 Troubleshooting

The letters in the left of the inspection items indicate the P.C.Boards or Modules related to their respective descriptions.



The letter of the alphabet indicates the P.C.Board or Module name. (Example) A: A-P.C.Board, B: B-Module

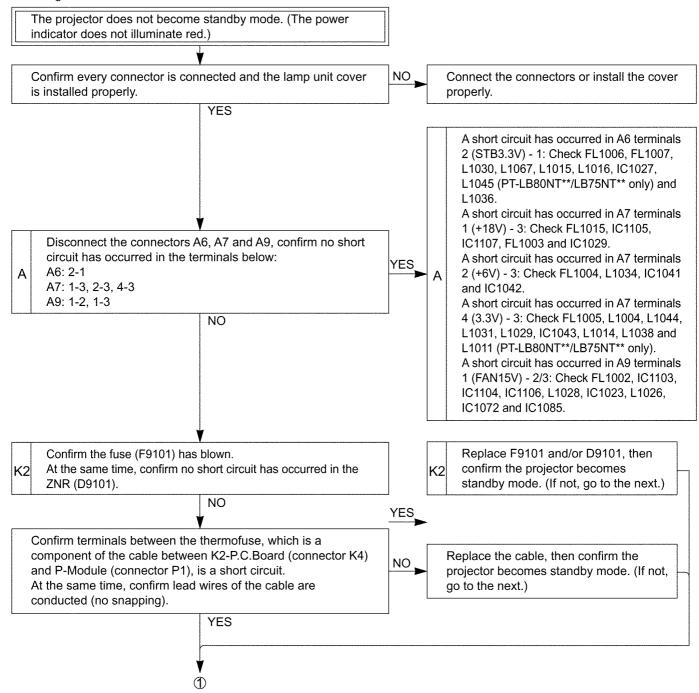
If replacing A-P.C.Board (assembly), read the ROM data from the old P.C.Board and write it in the new one according to the section 8.4. "Software for Adjustment". At this time, if the readout from the old P.C.Board does not succeed, remove IC1011 and IC1017 from the old P.C.Board and install them on the new one. Then, execute the self-check according to the chapter 3. "Self-Check Mode", and confirm "G SAVED" and "U-SAVED" display "OK".

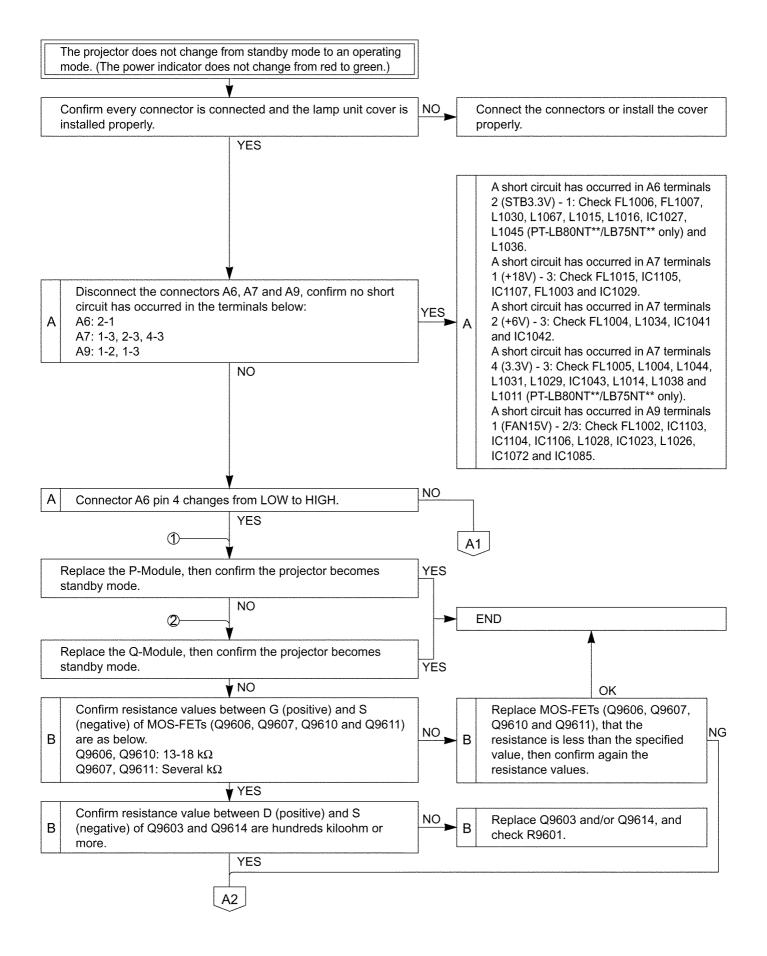
If replacing A-P.C.Board (assembly), minimize the flicker according to the chapter 5. "Flicker Adjustment Mode".

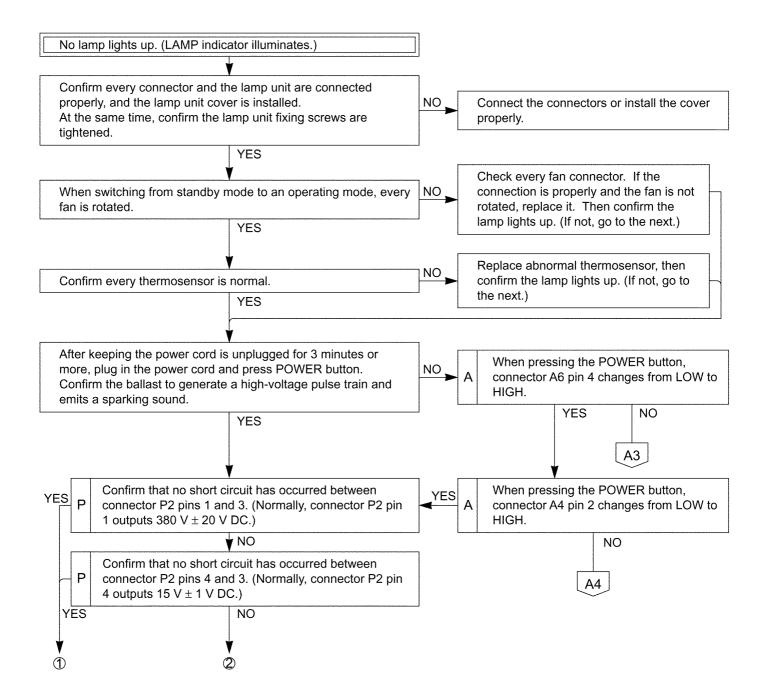
If replacing A-P.C.Board (assembly), adjust the RGB Input Level according to the chapter 8.6. "Input Level Adjustment".

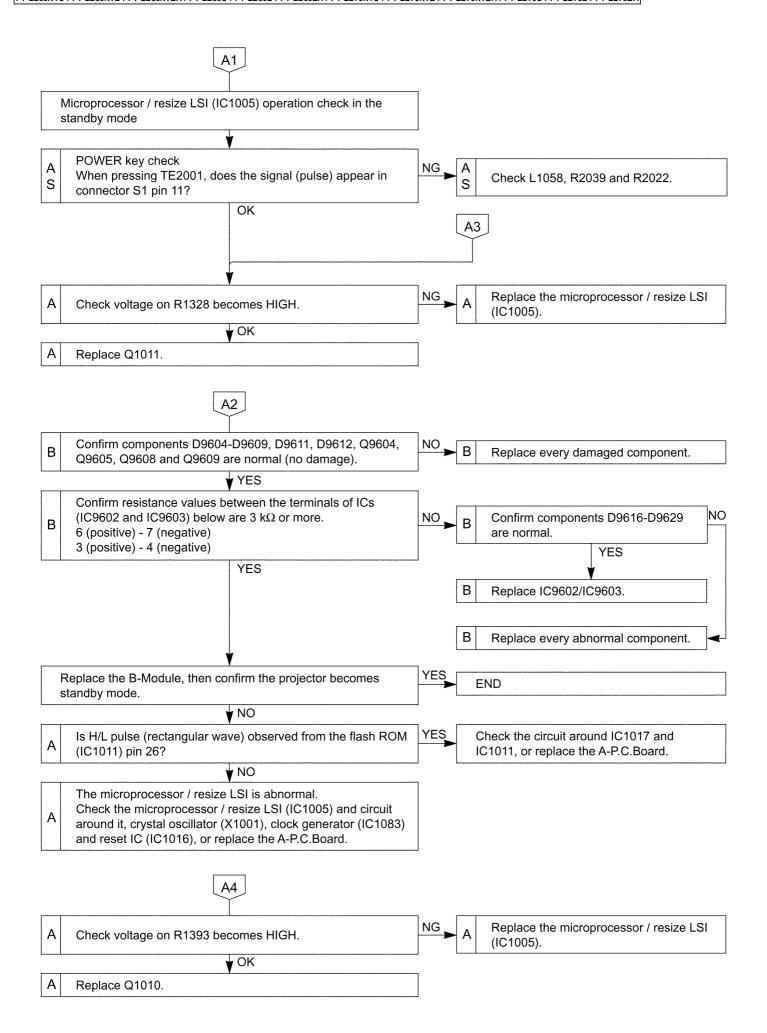
If replacing A-P.C.Board (assembly), set Model Information according to the chapter 8.7. "Model Information Setup".

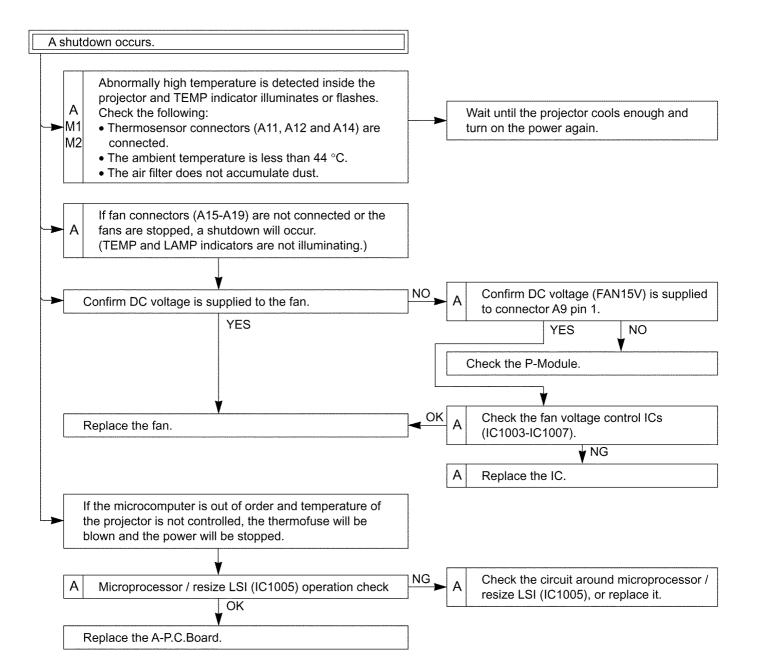
When Wireless LAN card is replaced, explain that to the customer because the MAC (Media Access Control) address is changed.

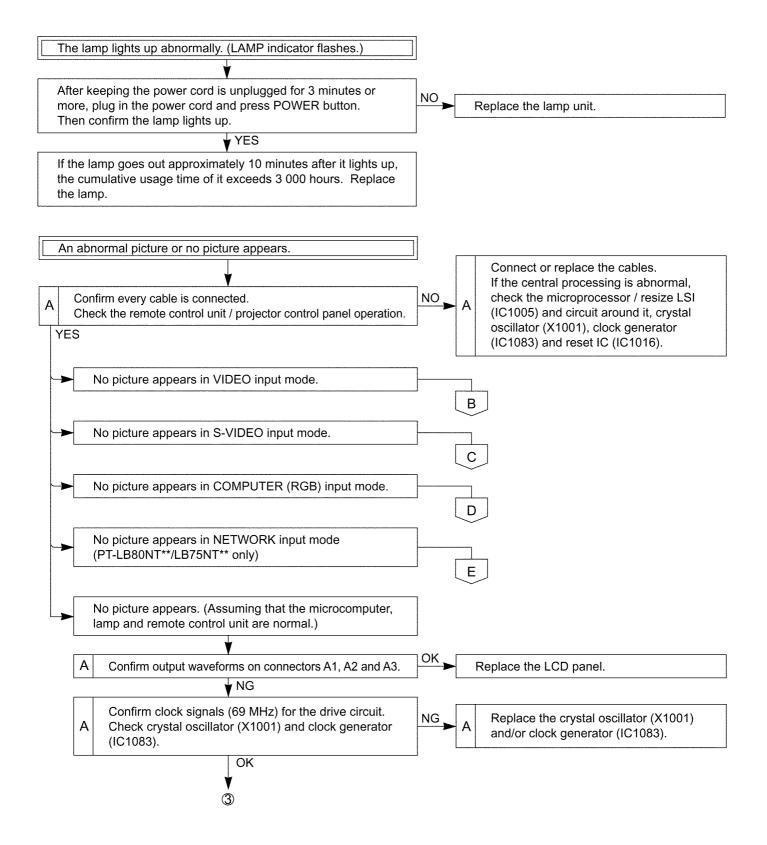


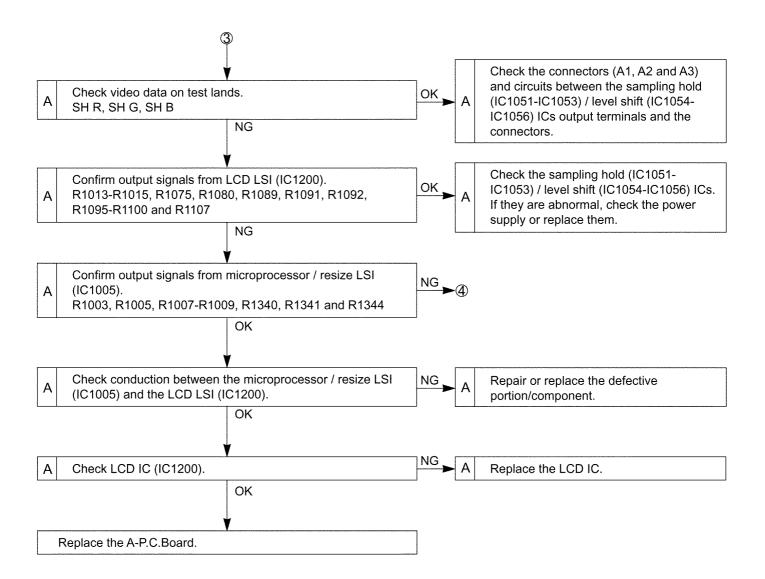


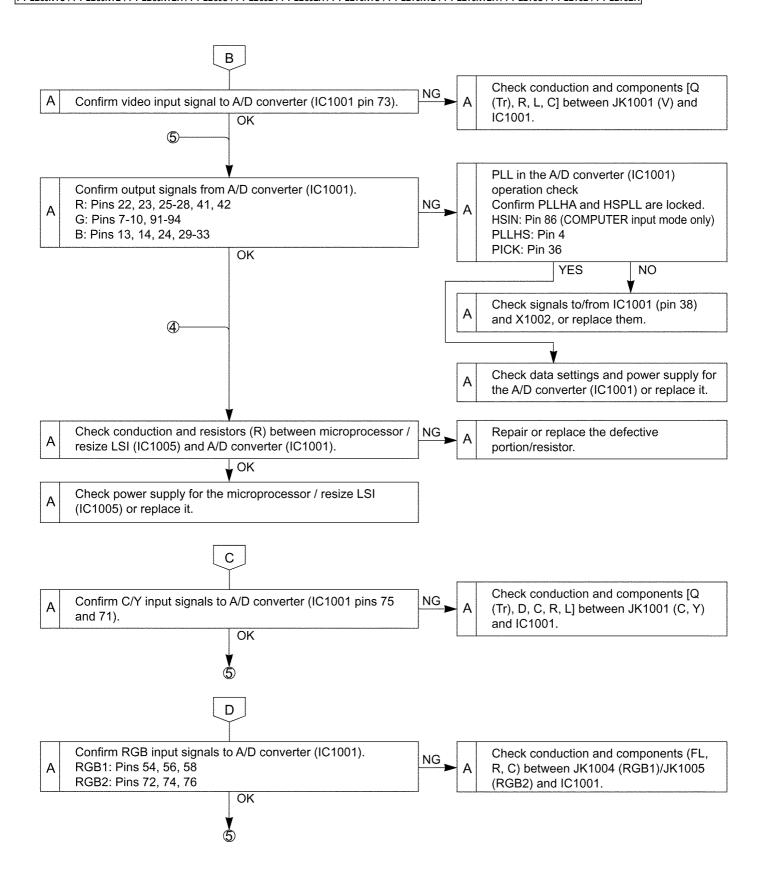


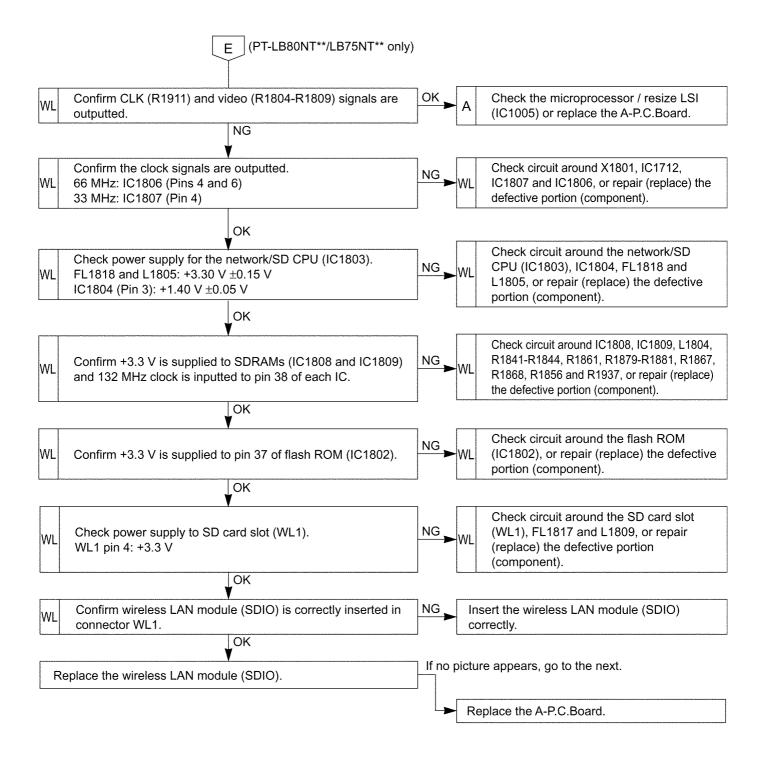


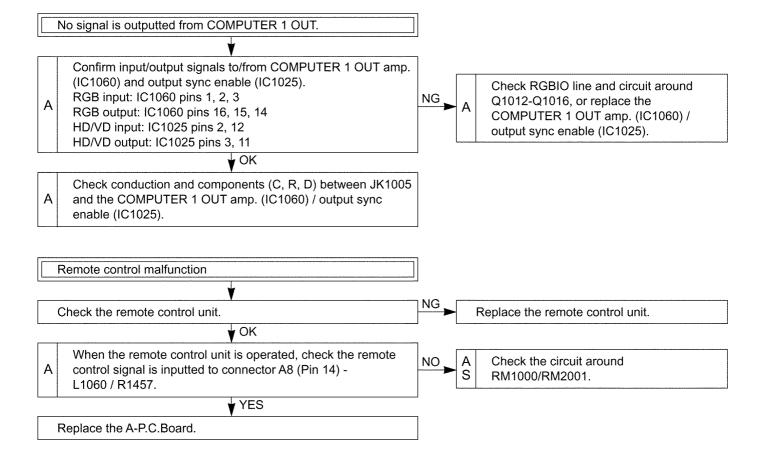


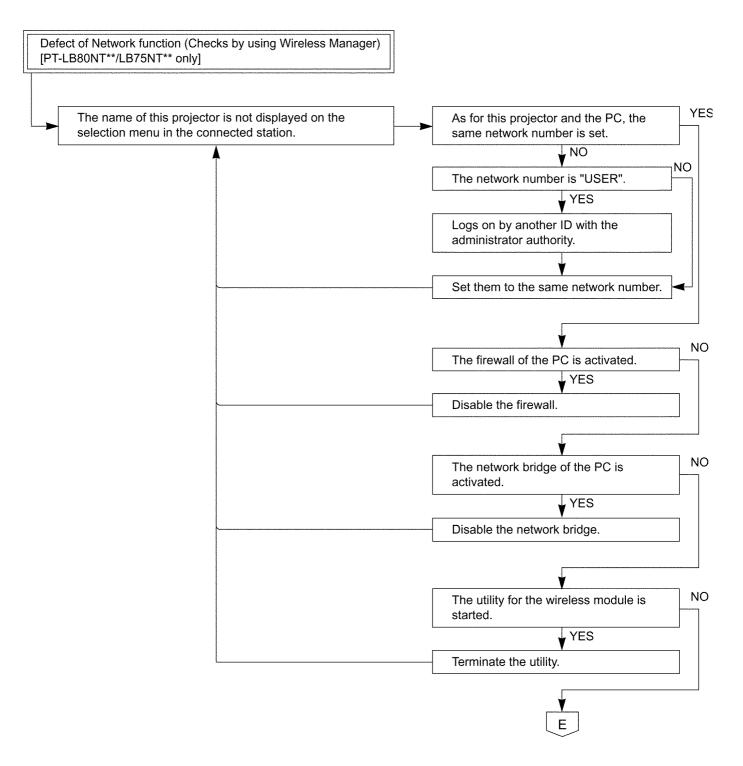








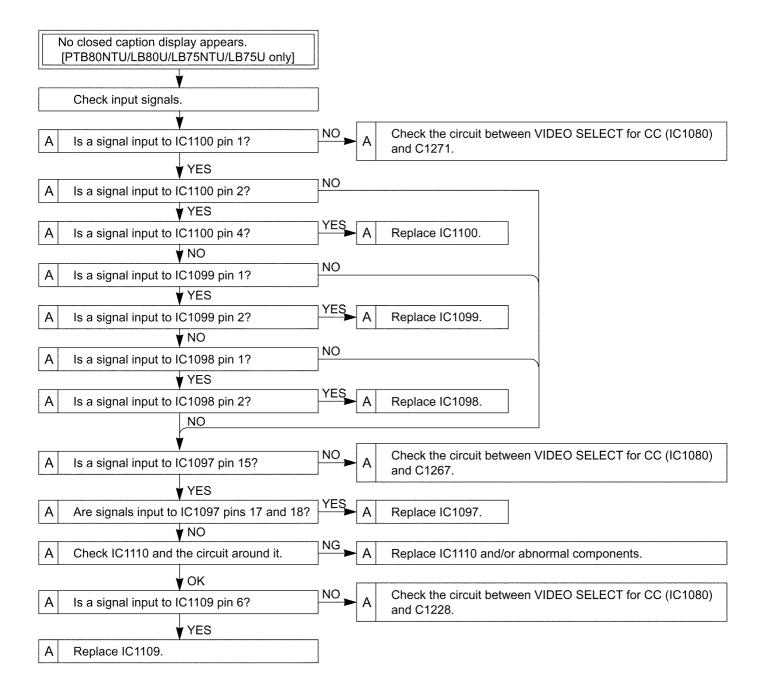




* Note for software update

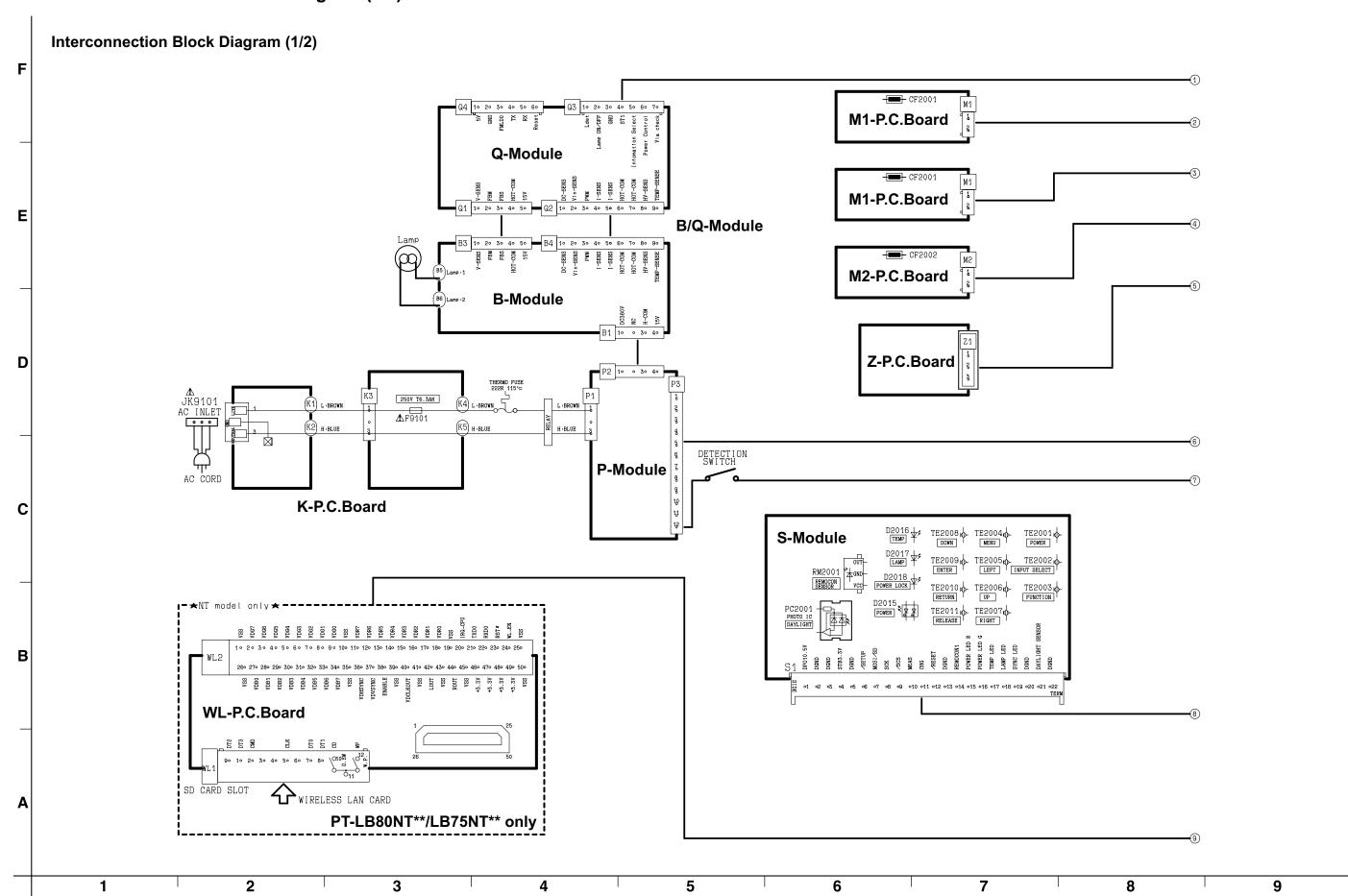
After completing the software rewriting, confirm rewriting is correctly done by confirming the software version on Self

Check Display (Refer to the section 3.2. "Self Check Display and Contents".).

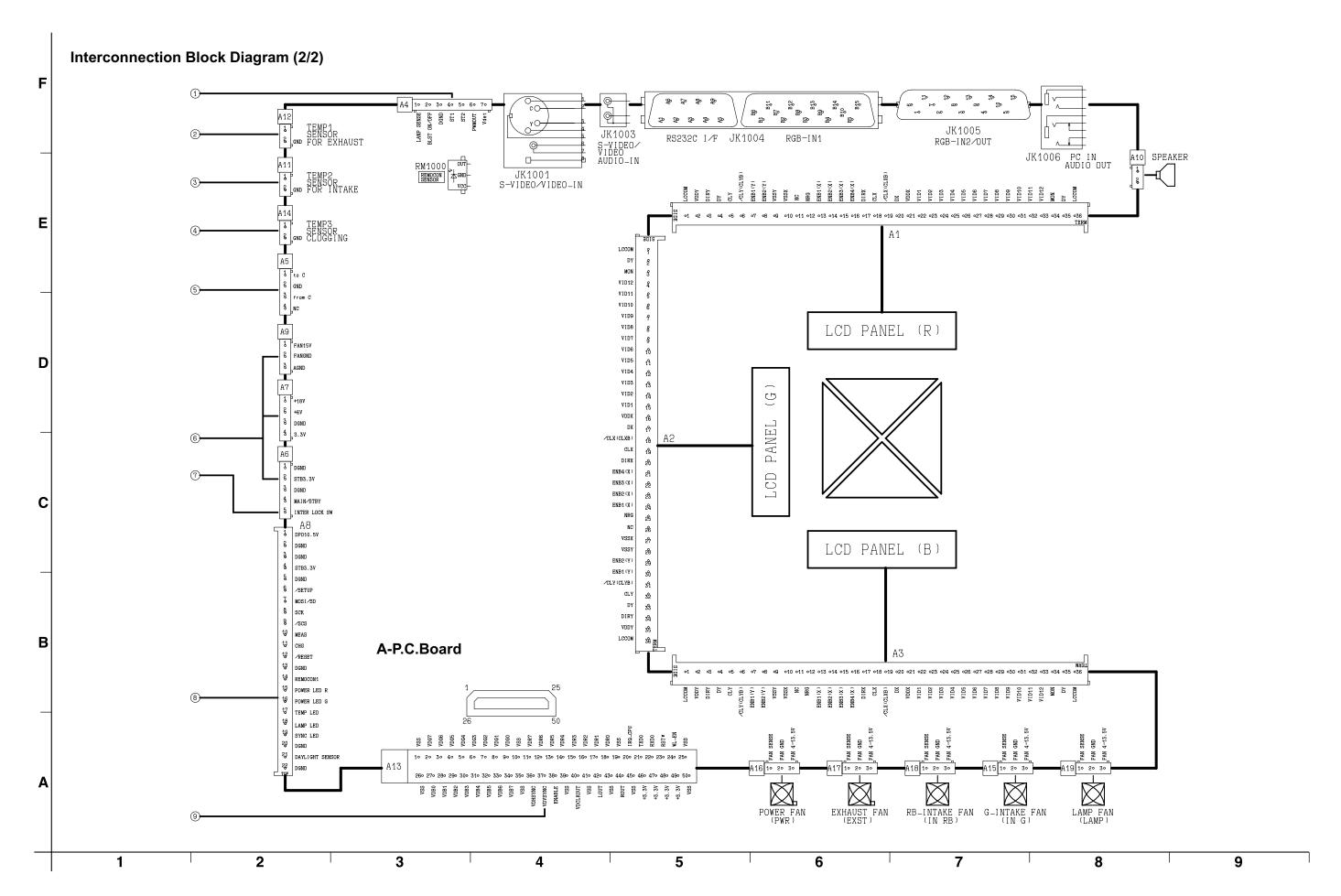


10 Interconnection Block Diagram

10.1. Interconnection Block Diagram (1/2)

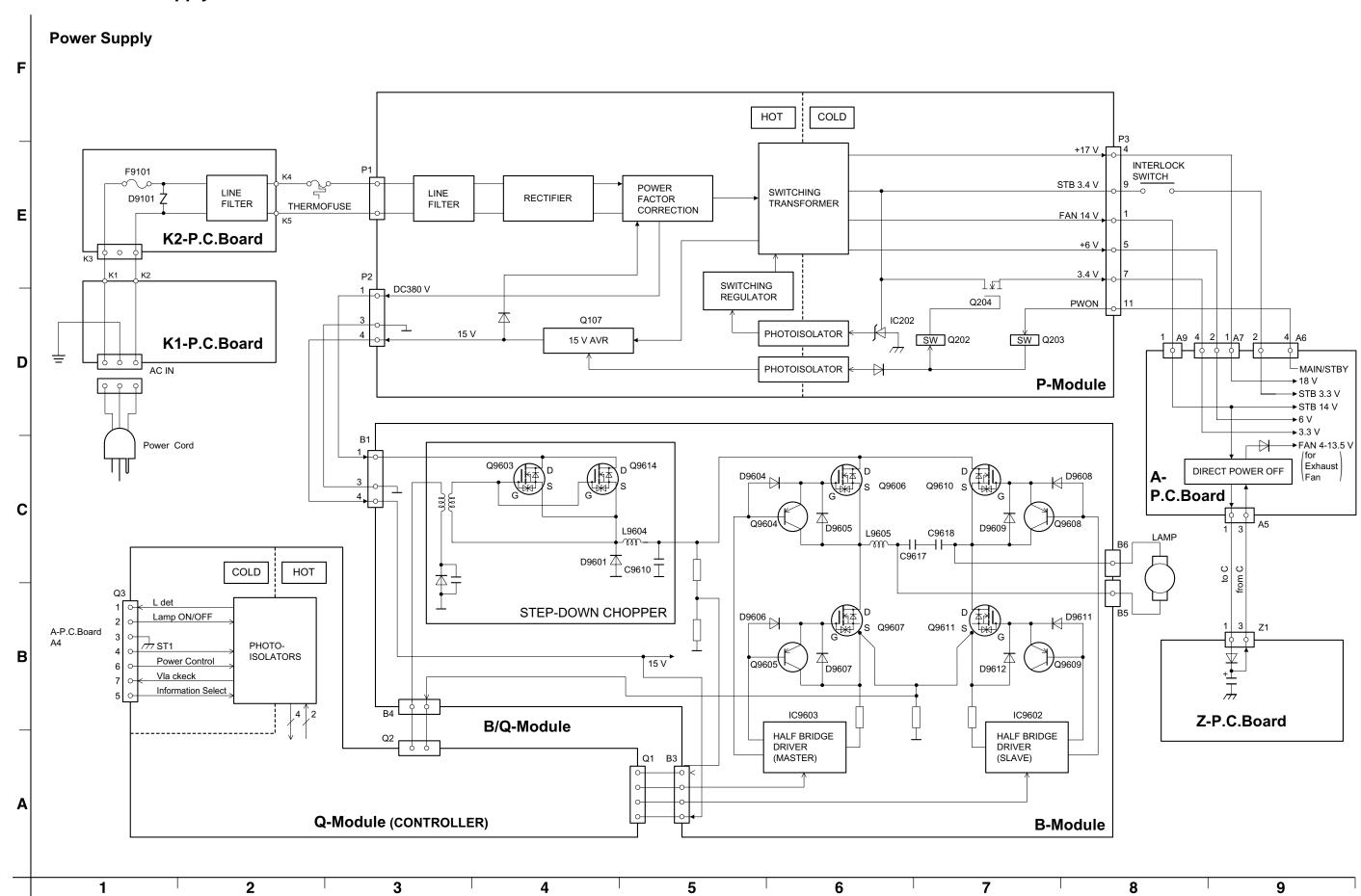


10.2. Interconnection Block Diagram (2/2)

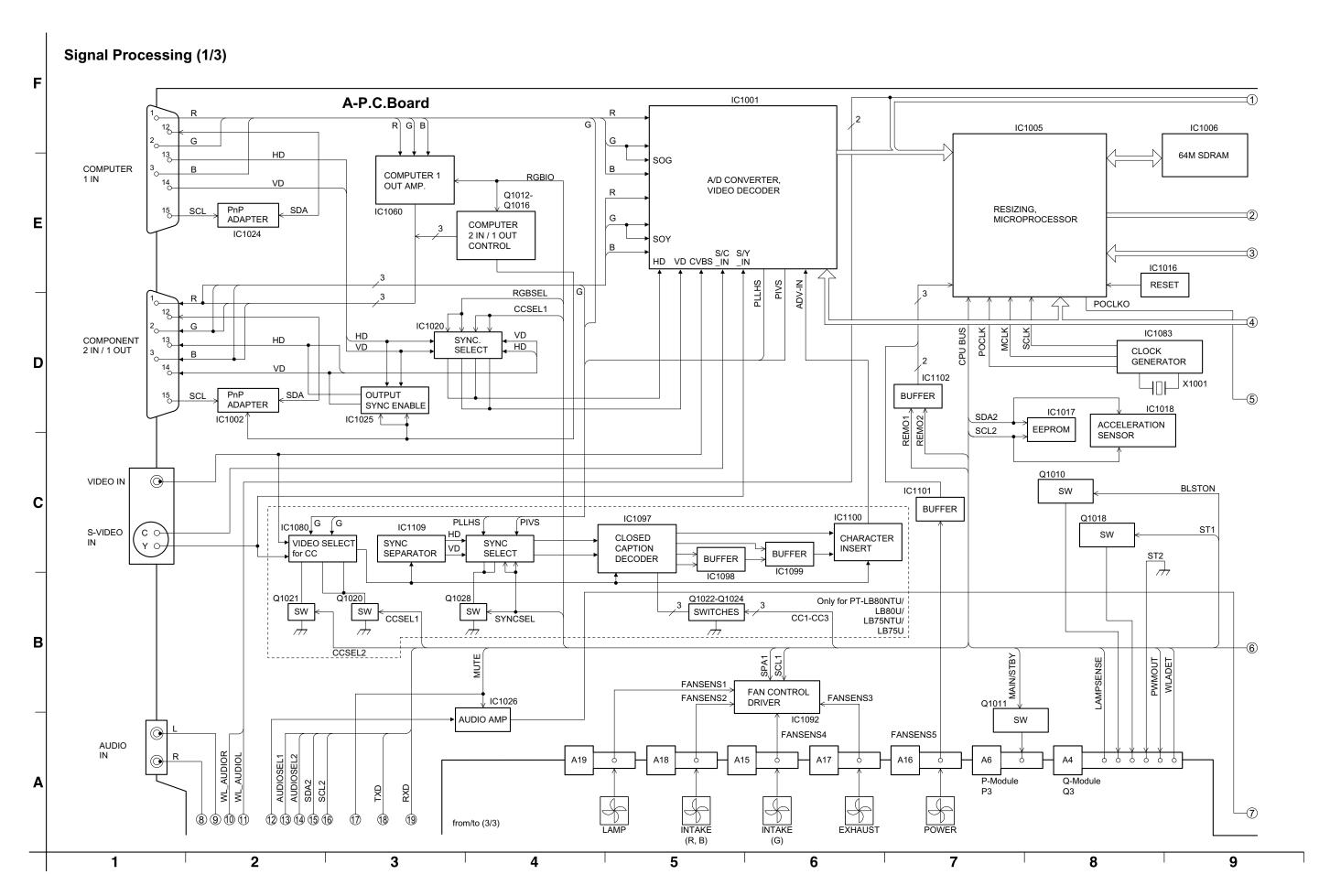


11 Block Diagram

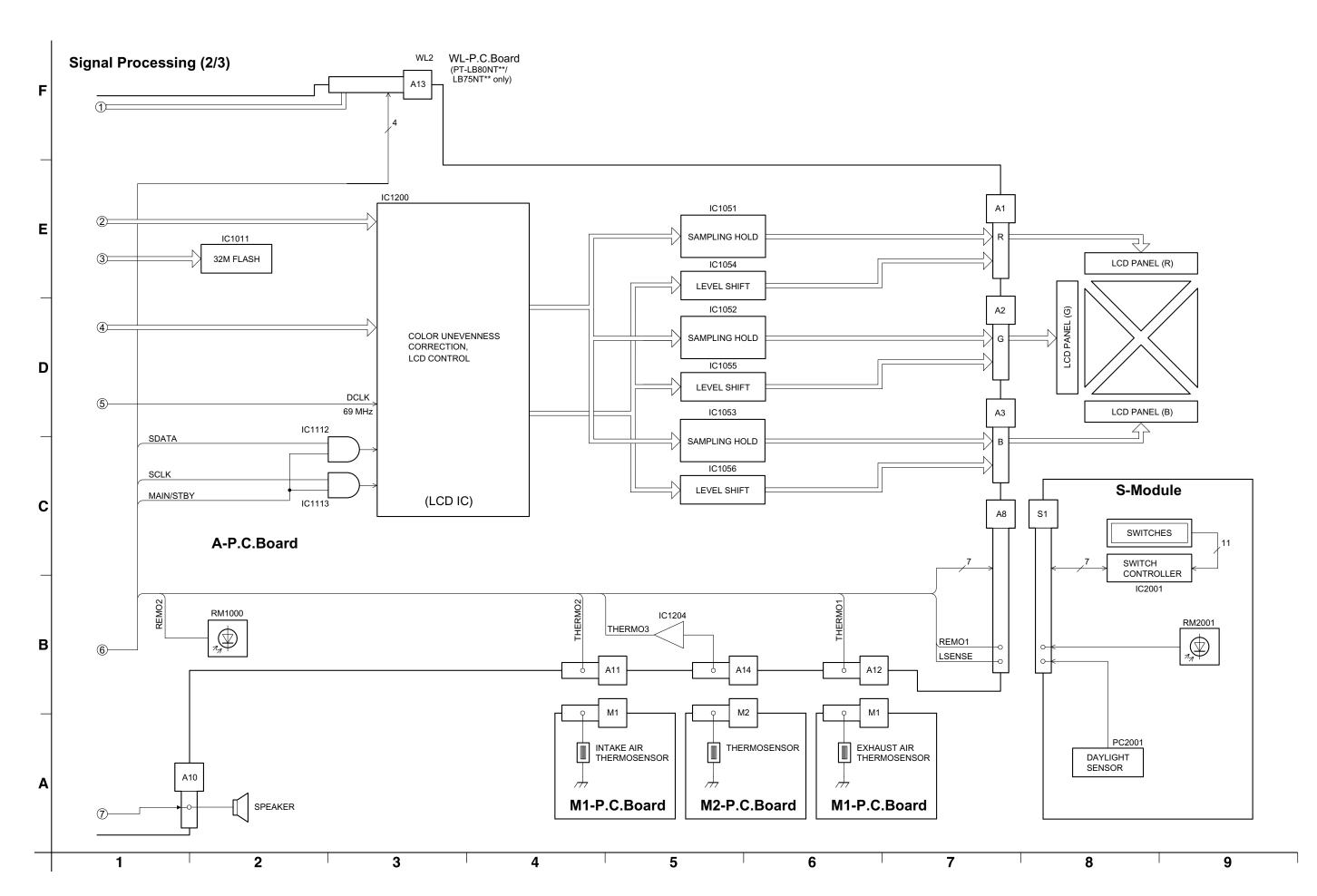
11.1. Power Supply



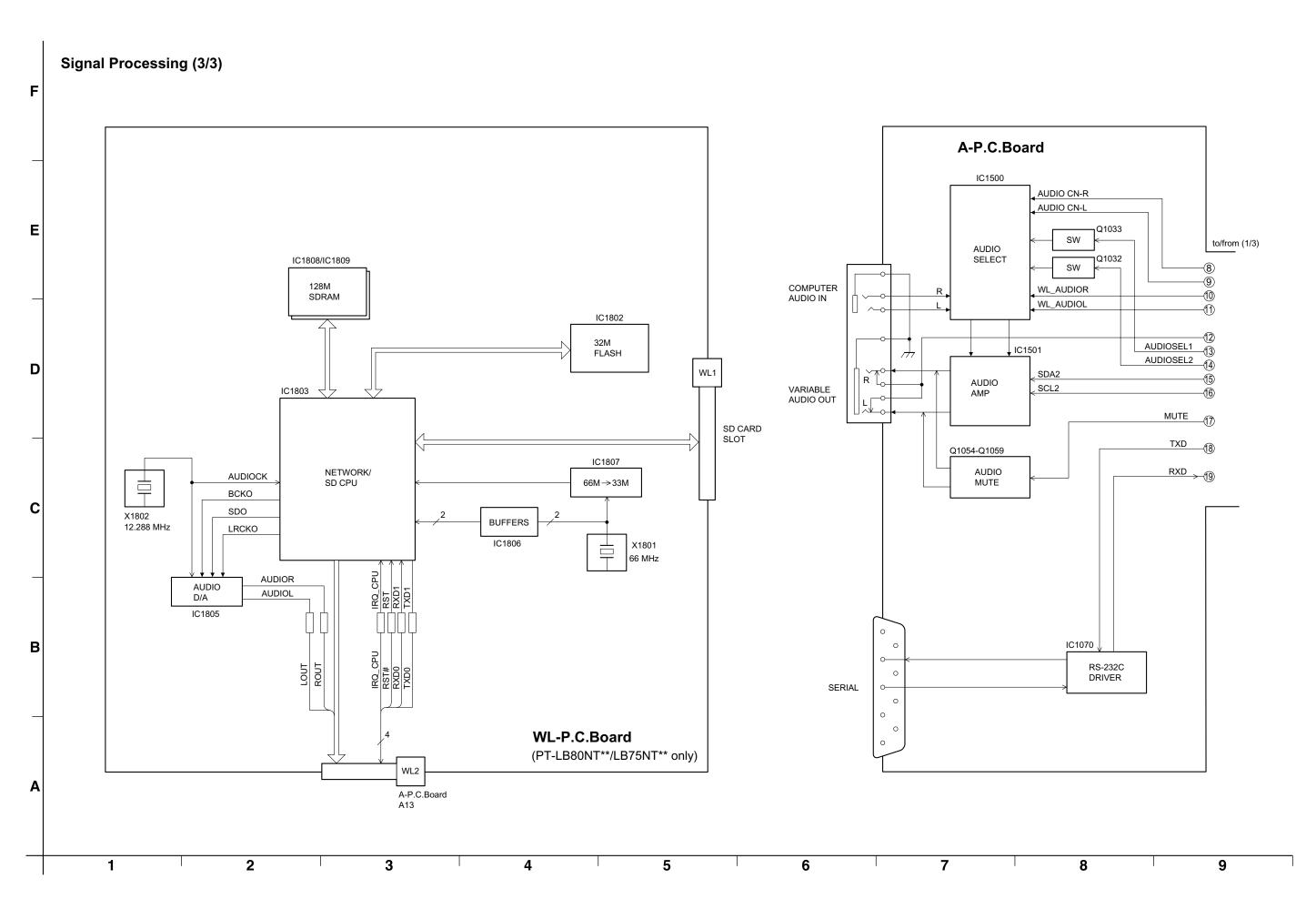
11.2. Signal Processing (1/3)



11.3. Signal Processing (2/3)



11.4. Signal Processing (3/3)



12 Schematic Diagram

Schematic Diagram for Model PT-LB80NTU, PT-LB80U, PT-LB75NTU, PT-LB75U

IMPORTANT SAFETY NOTICE

THE SHADED AREA ON THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM FIRE AND ELECTRICAL SHOCK HAZARDS.

WHEN SERVICING, IT IS ESSENTIAL THAT ONLY MANUFACTURER'S SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SHADED AREAS OF THE SCHEMATIC.

Schematic Diagram for Model PT-LB80NTE/EA, PT-LB80E/EA, PT-LB75NTE/EA, PT-LB75E/EA

- Important Safety Notice -

Components identified by the international symbol Ahave special characteristics important for safety. When replacing any of these components, use only the manufacturer's specified ones.

Notes:

1. Resistor

All the resistors are carbon 1/4W resistors, unless marked as follows: The unit of resistance is an OHM [Ω] (K=1 000 M=1 000 000)

O : Nonflammable

: Metal Oxide

△ : Solid

O: Metal Film

: Wire Wound

(X): Fuse

2. Capacitor

⊗ : Temperature Compensation

* Electrolytic

m : Metalized Polyester

① : Dipped Tantalum

(Z): Z-Type

3. Coil

The unit of inductance is a H, unless otherwise noted.

4. Test Point

: Test Point

5. Voltage Measurement

The voltage is measured by an electronic voltmeter receiving the colorbar signal when all the customer's controls are set to the standard condition.

6. Color code for the links between diagrams and circuit boards

From/To	[To/From	Color code
Block diagram	←→	Schematic diagram	Magenta
Schematic diagram	←→	Schematic diagram	Green
Schematic diagram	←→	Circuit boards	Yellow
Schematic diagram	←→	Waveforms	Cyan (Light blue)

7. HOT and COLD indications

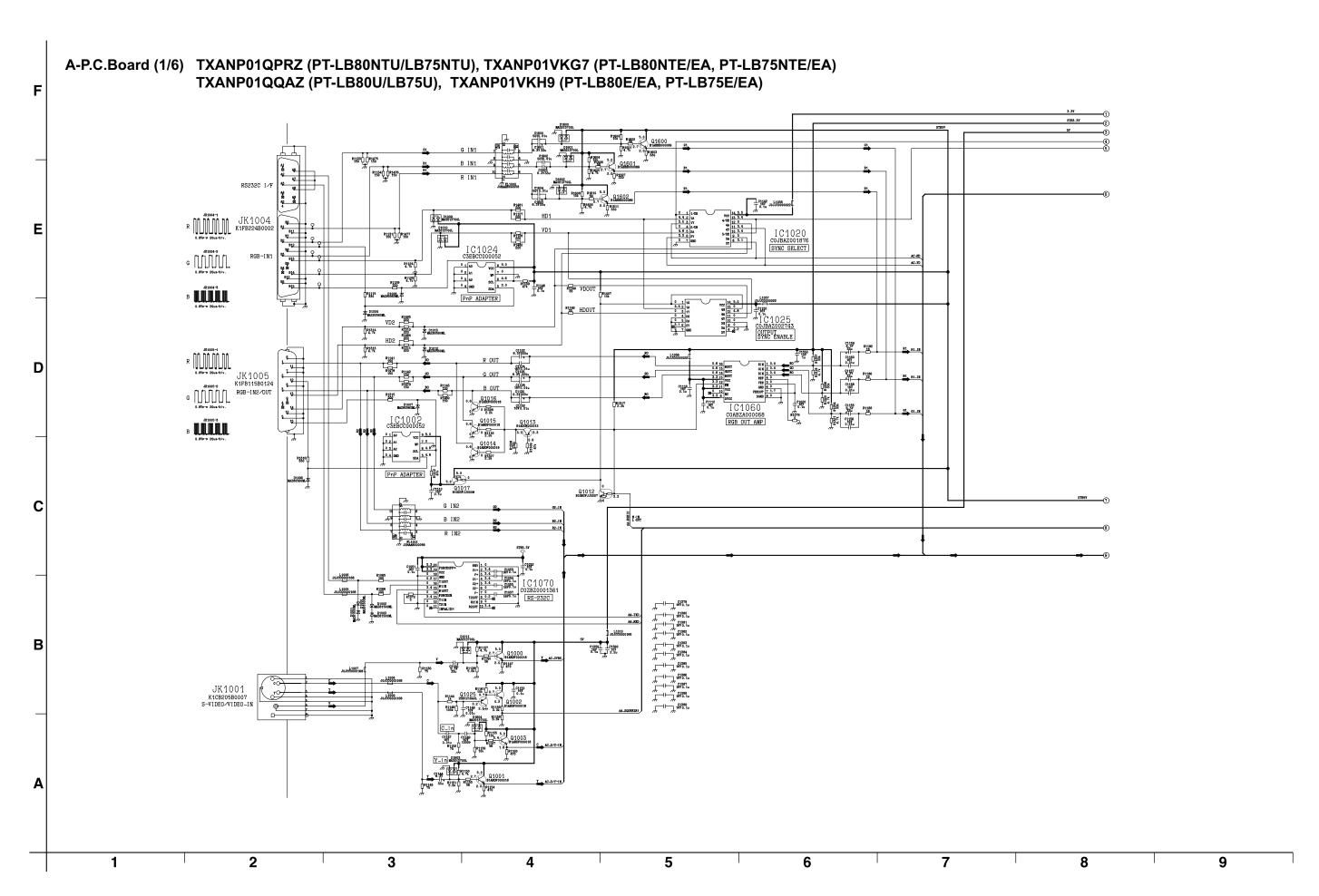
The power circuit board contains a circuit area using a separate power supply to isolate the ground connection. The circuit is defined by HOT and COLD indications in the schematic diagram. Take the precautions below:

8. This schematic diagram is the latest at the time of printing and the subject to change without notice.

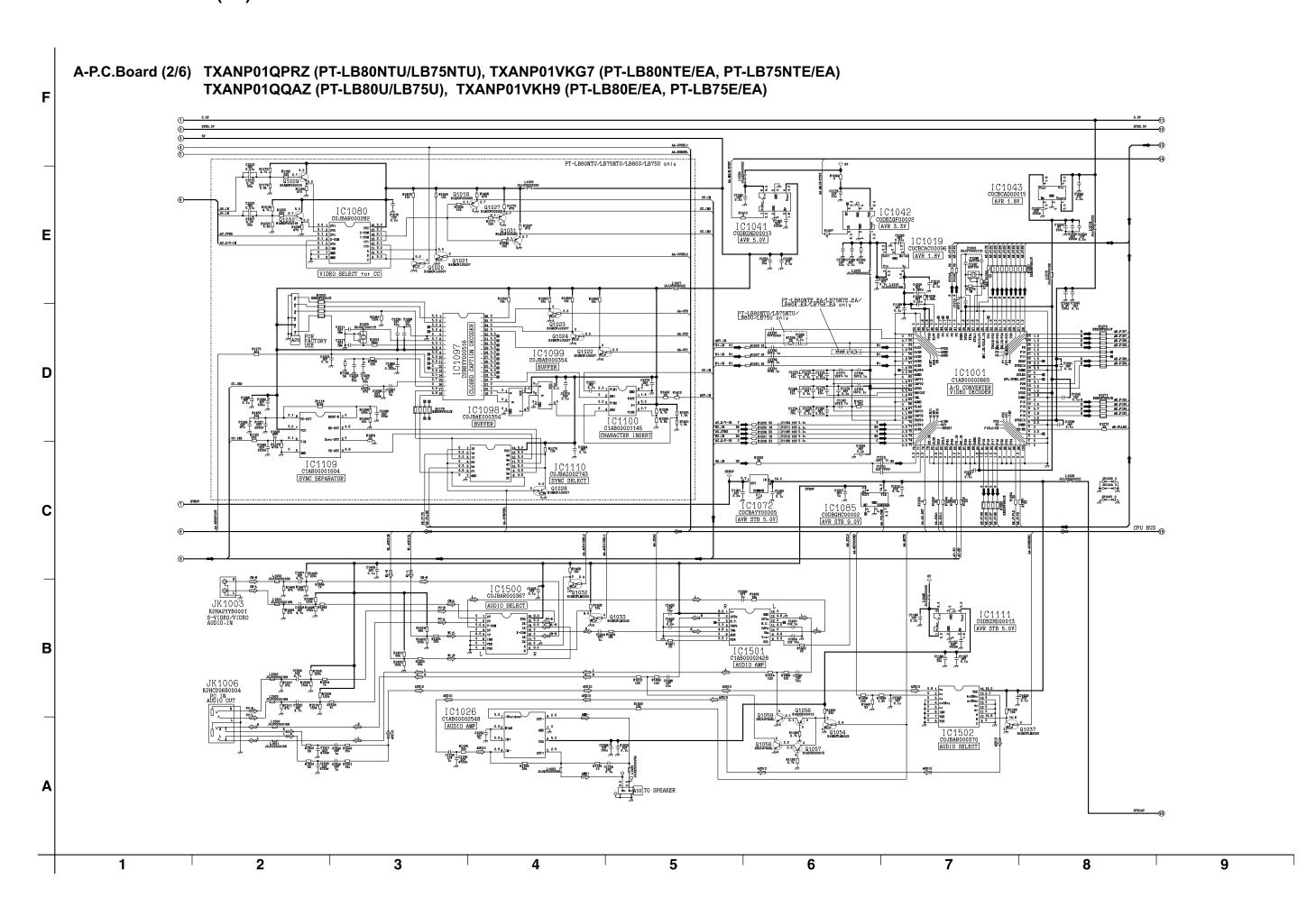
Precautions:

- 1. NEVER touch the HOT part or the HOT and COLD parts at the same time, or you may get an electric shock.
- 2. NEVER short-circuit the HOT and COLD circuits, or the fuse may blow and the parts may break.
- 3. NEVER connect an instrument such oscilloscope to the HOT and COLD circuit simultaneously, or the fuse may blow. Connect the ground of instruments to the ground of the circuit being measured.
- 4. MAKE SURE to unplug the power cord from the power outlet before removing the chassis.

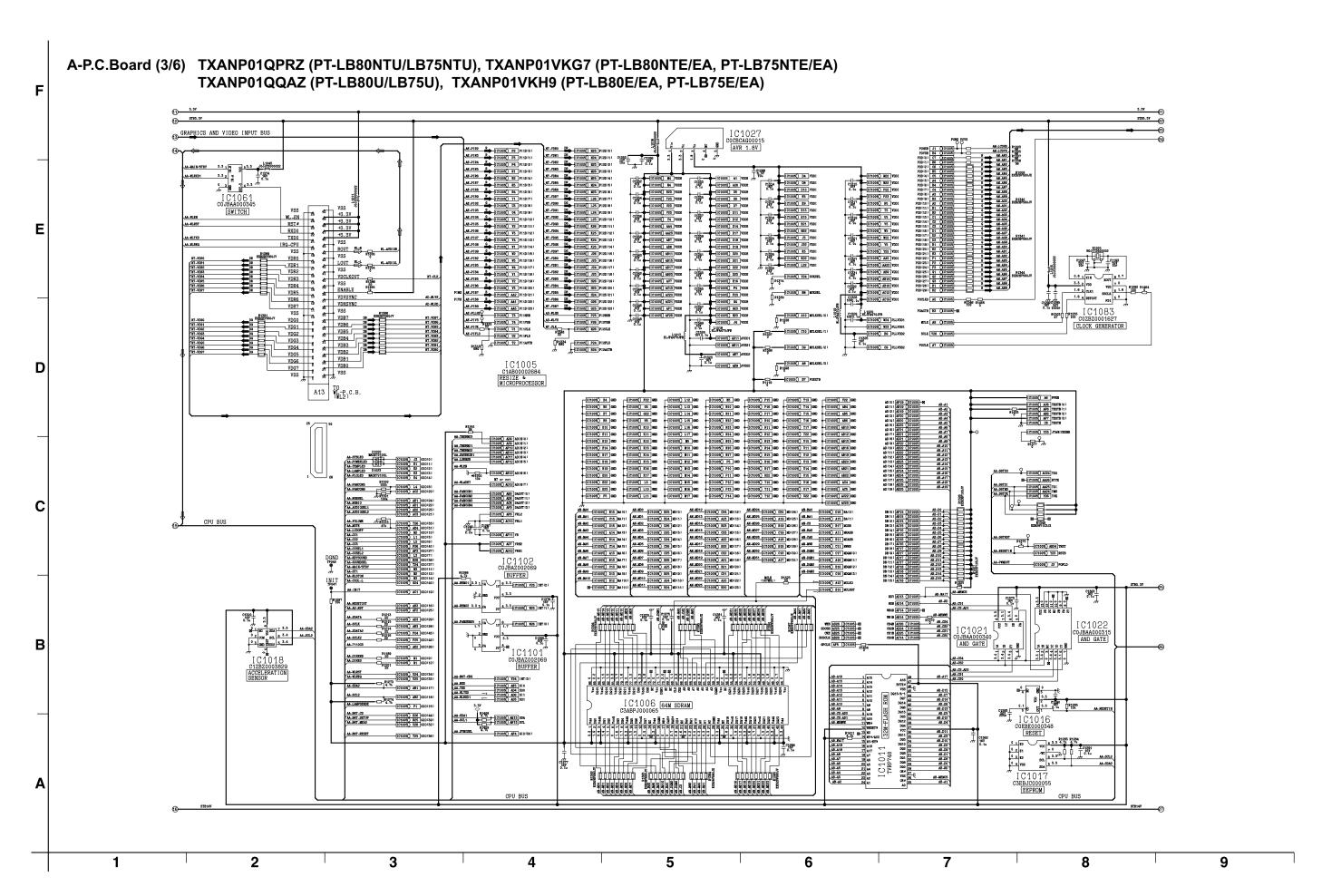
12.1. A-P.C.Board (1/6)



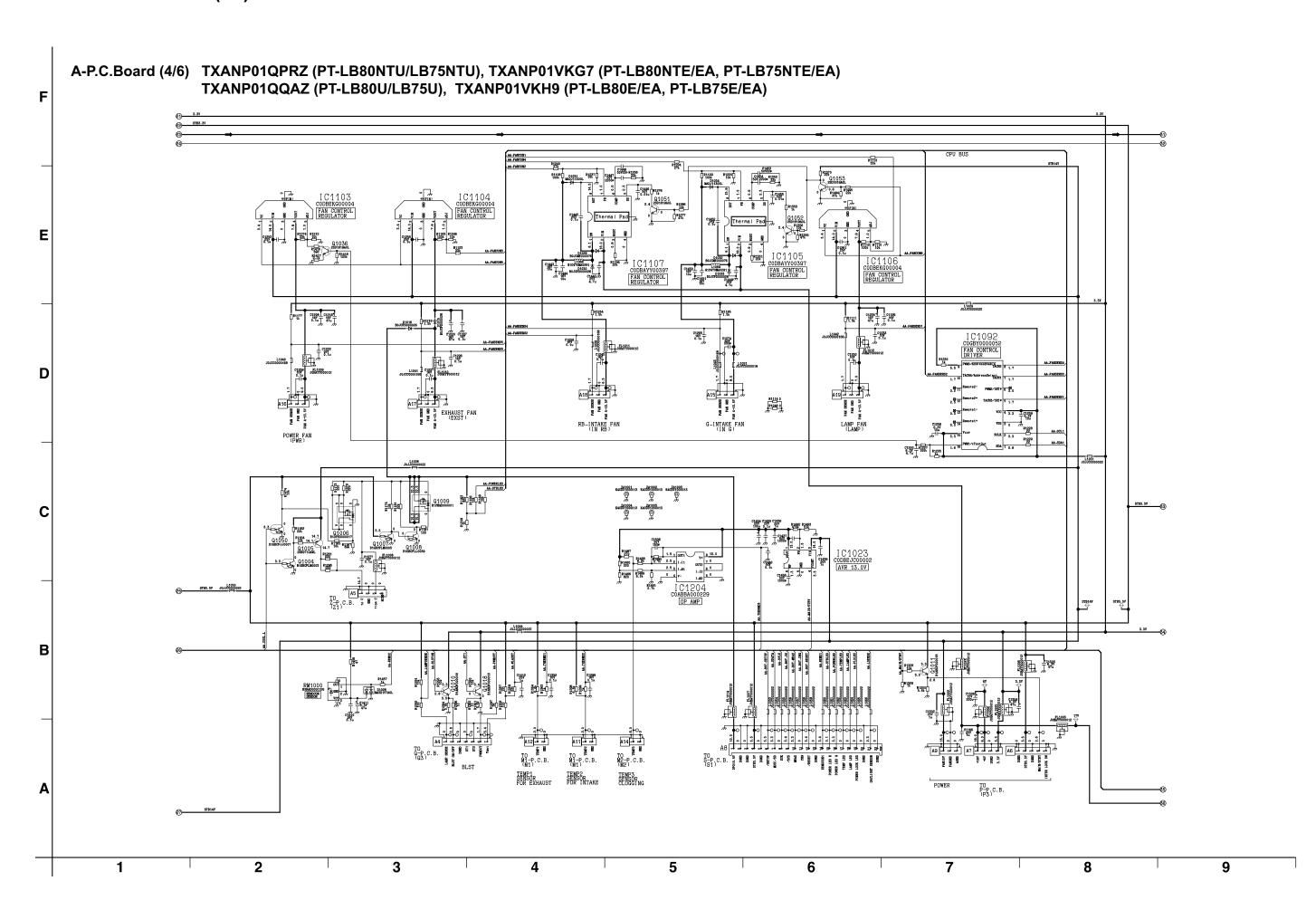
12.2. A-P.C.Board (2/6)



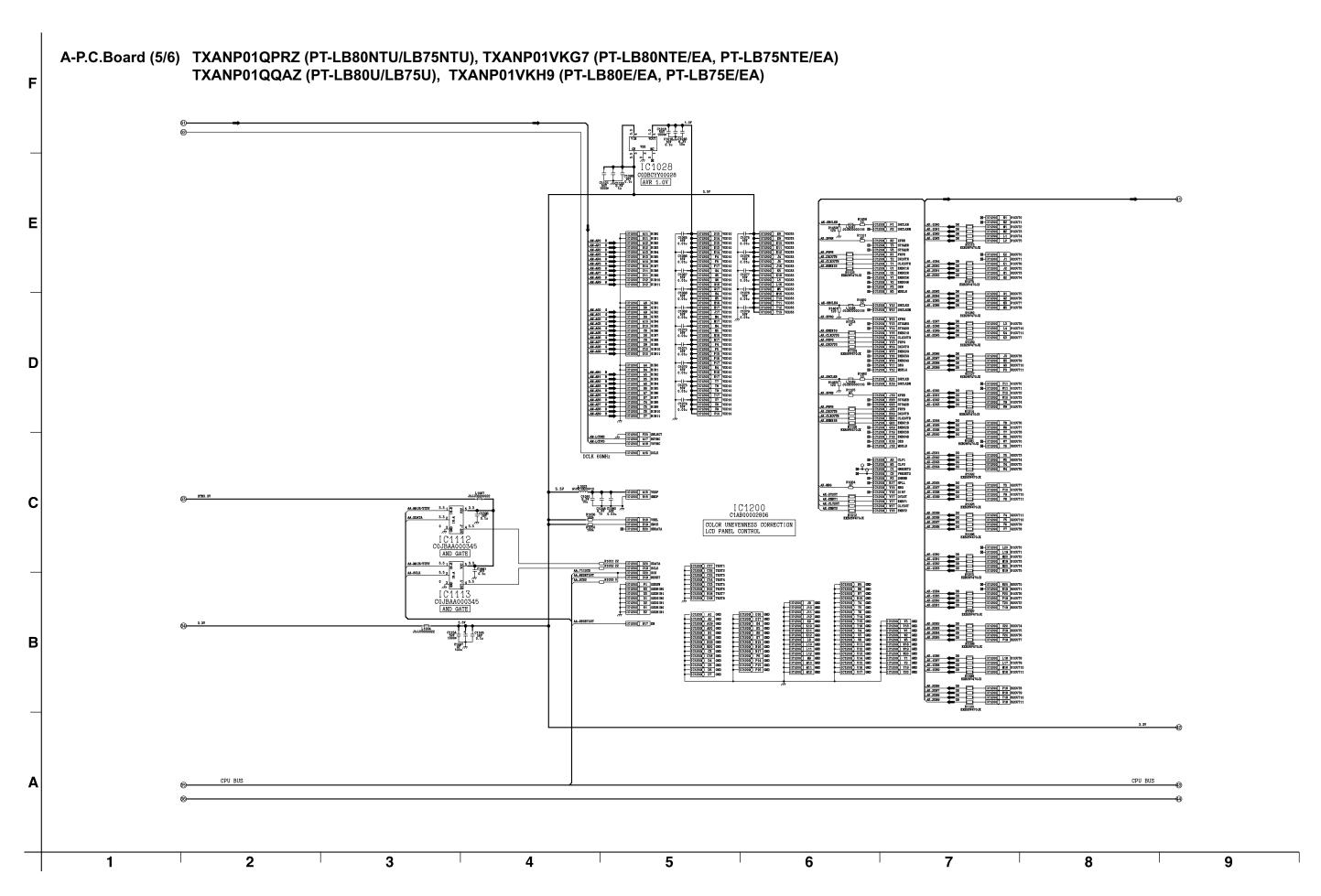
12.3. A-P.C.Board (3/6)



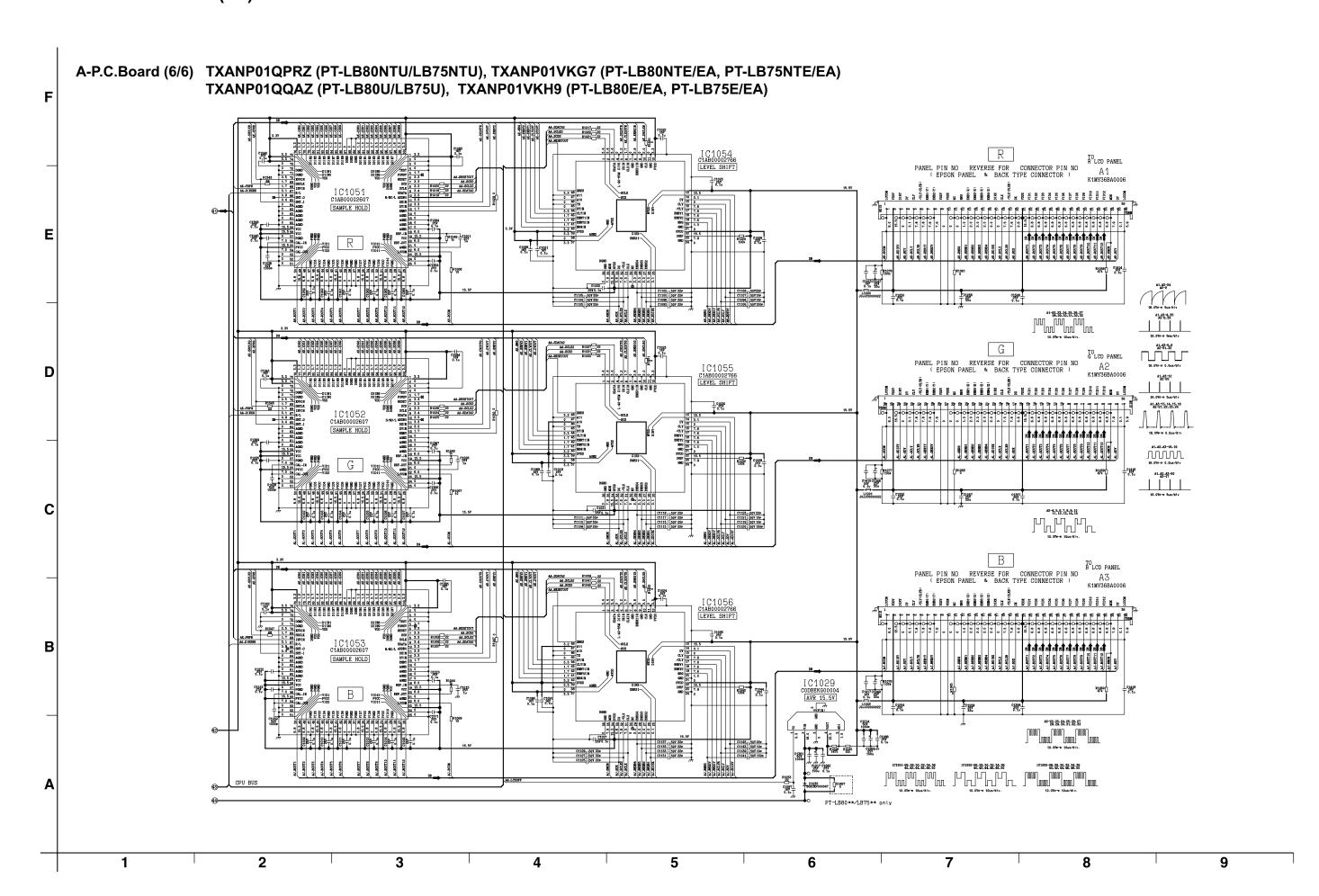
12.4. A-P.C.Board (4/6)



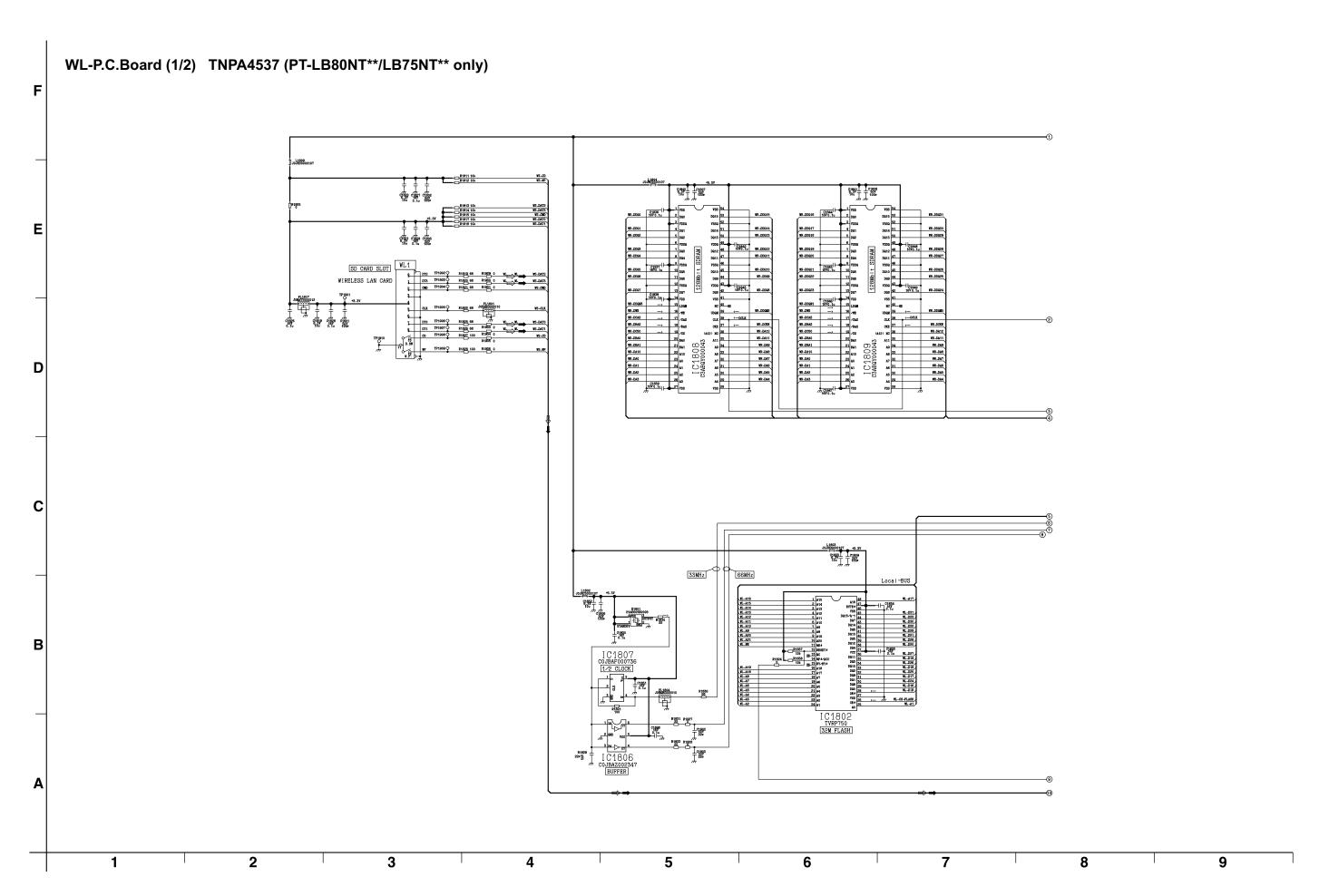
12.5. A-P.C.Board (5/6)



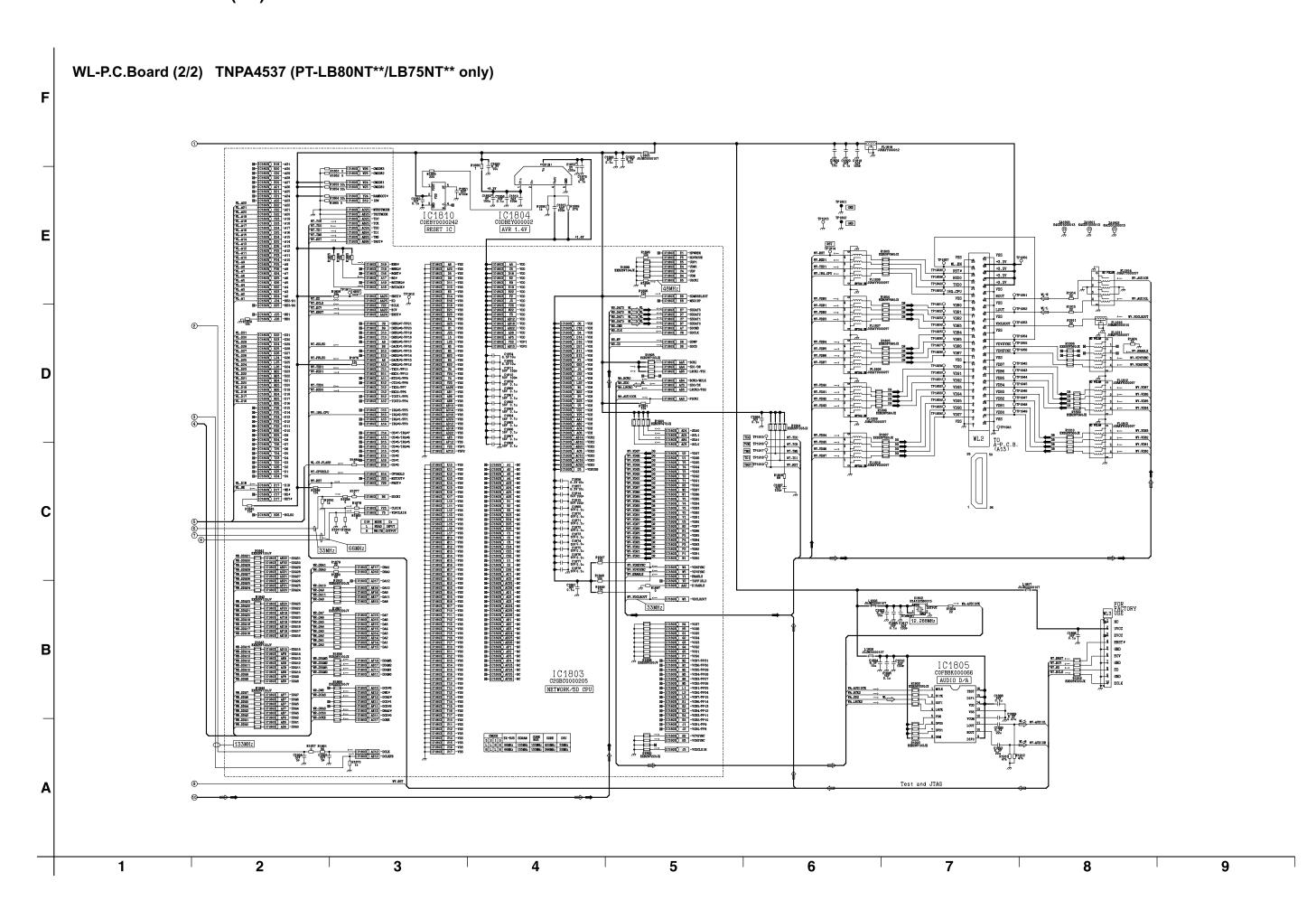
12.6. A-P.C.Board (6/6)



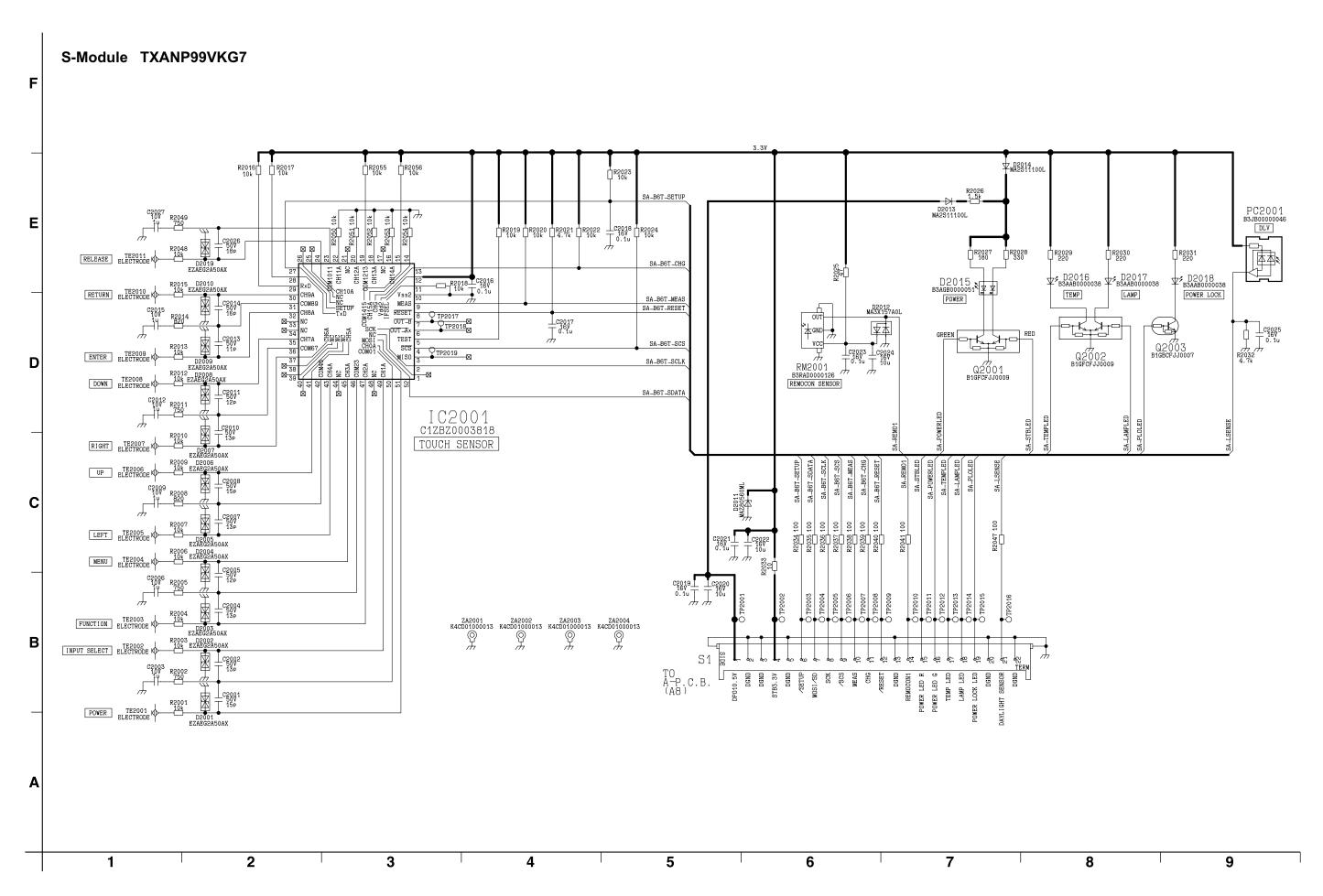
12.7. WL-P.C.Board (1/2)



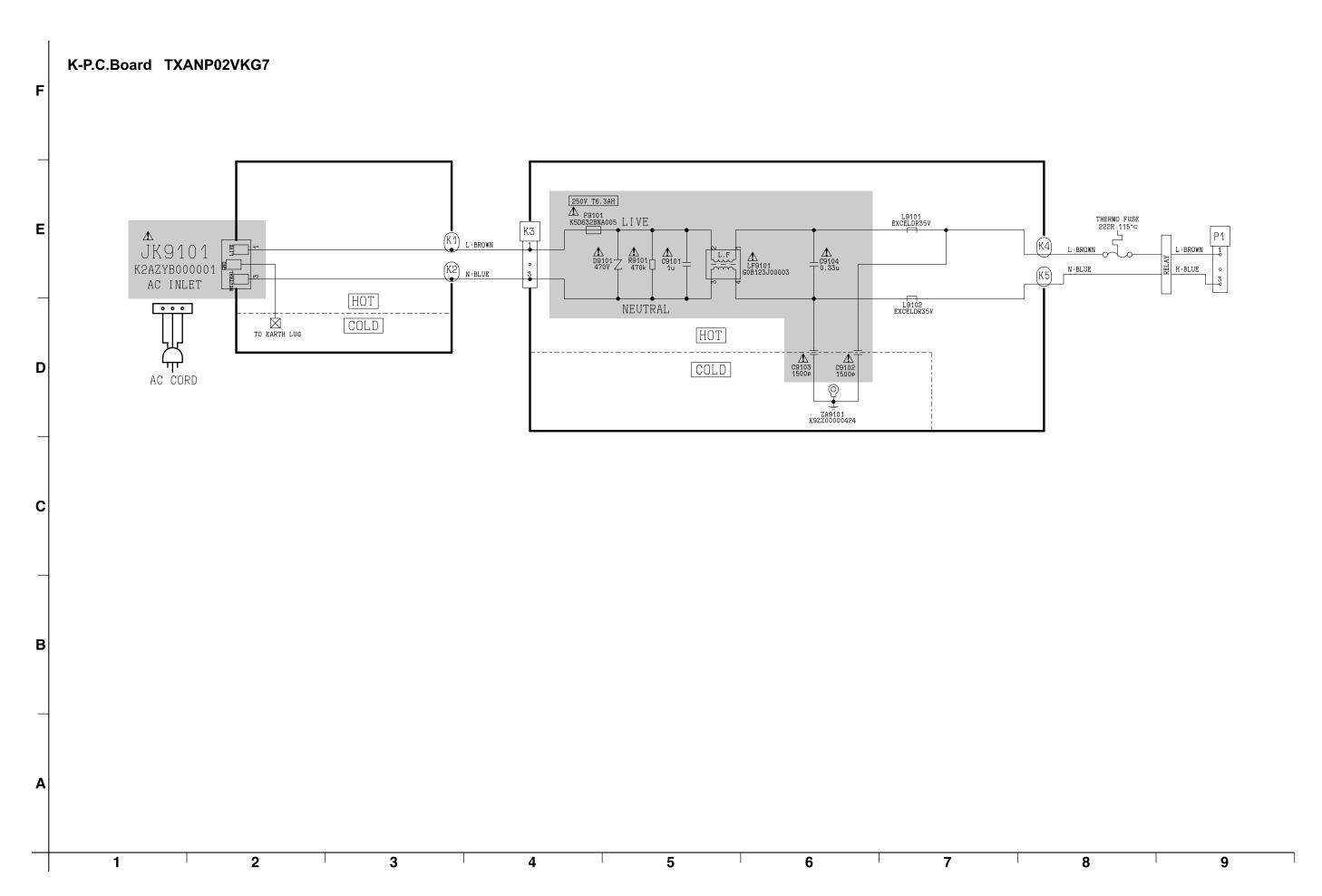
12.8. WL-P.C.Board (2/2)



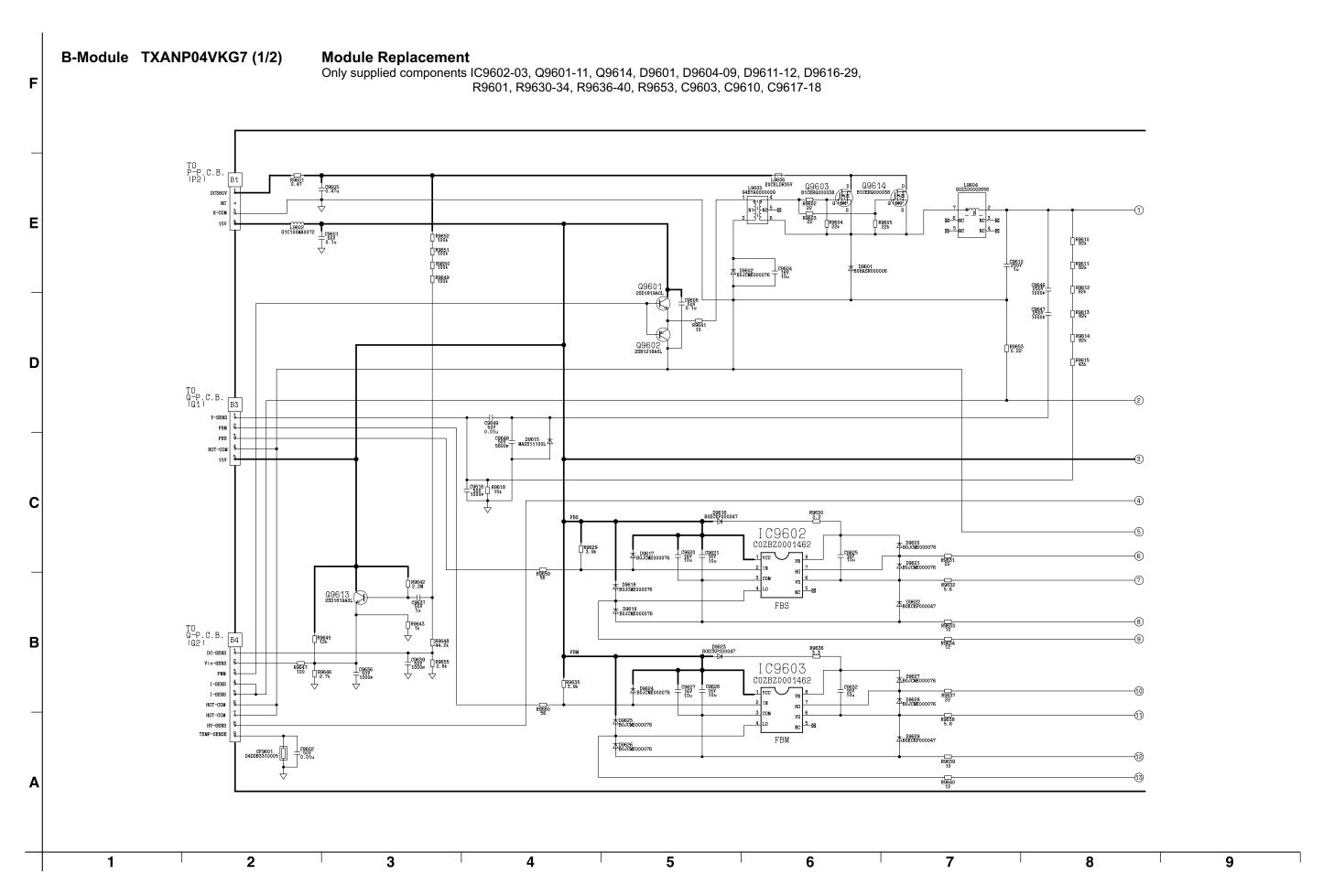
12.9. S-Module



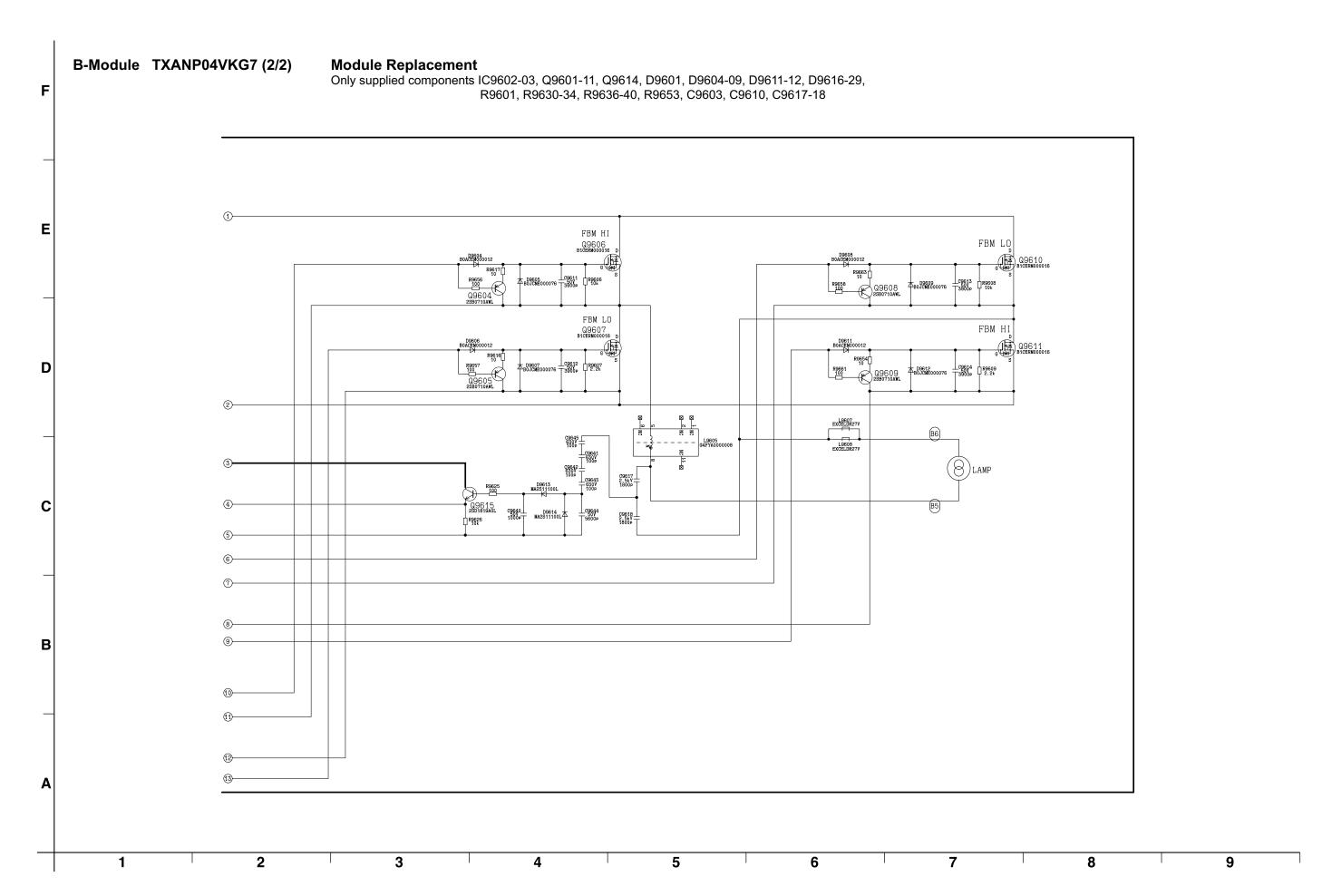
12.10. K-P.C.Board



12.11. B-Module (1/2)



12.12. B-Module (2/2)



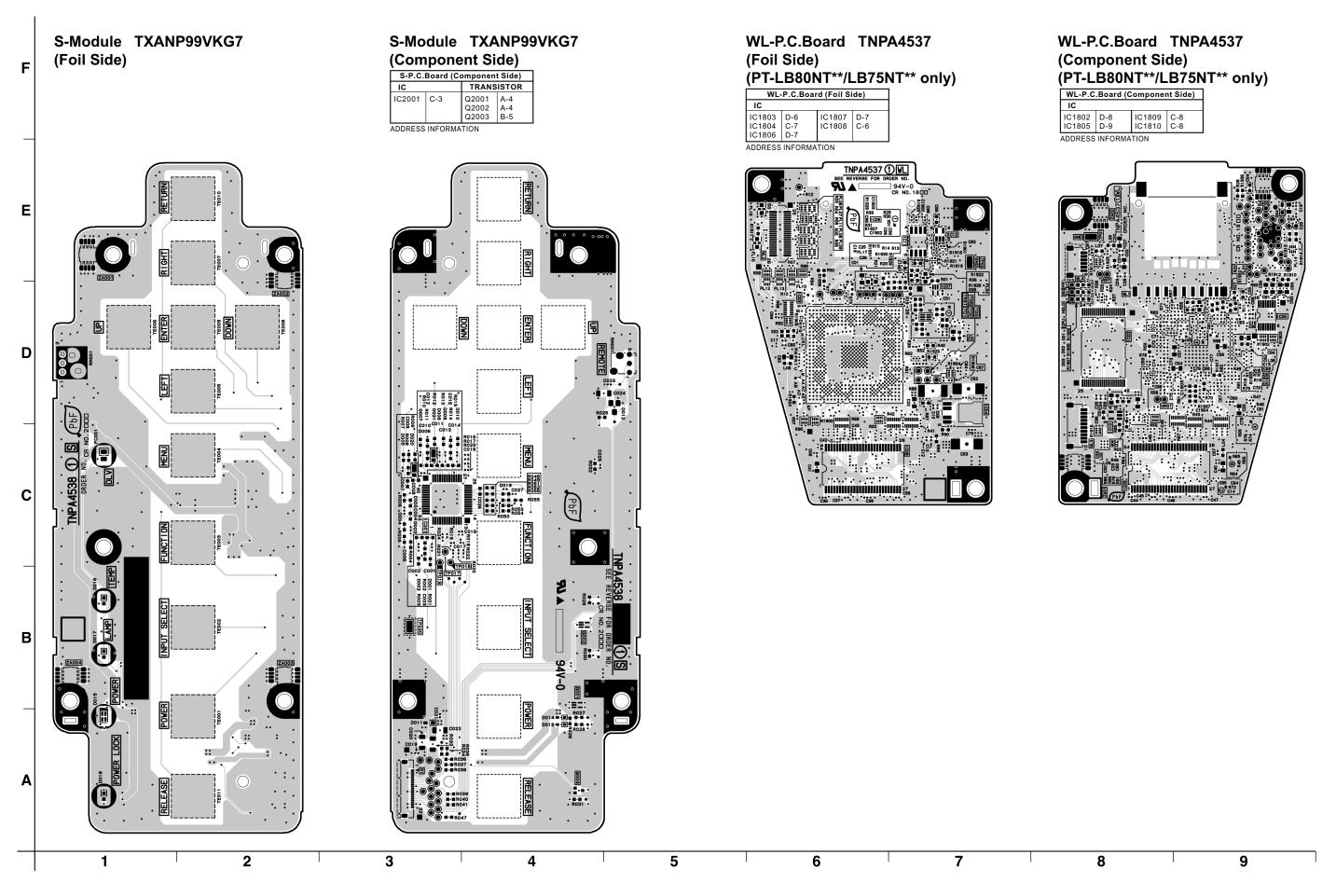
PT-LB80NTU / PT-LB80NTE / PT-LB80NTEA / PT-LB80U / PT-LB80E / PT-LB80EA / PT-LB75NTU / PT-LB75NTE / PT-LB75NTEA / PT-LB75U / PT-LB75E / PT-LB75EA

13 Circuit Boards

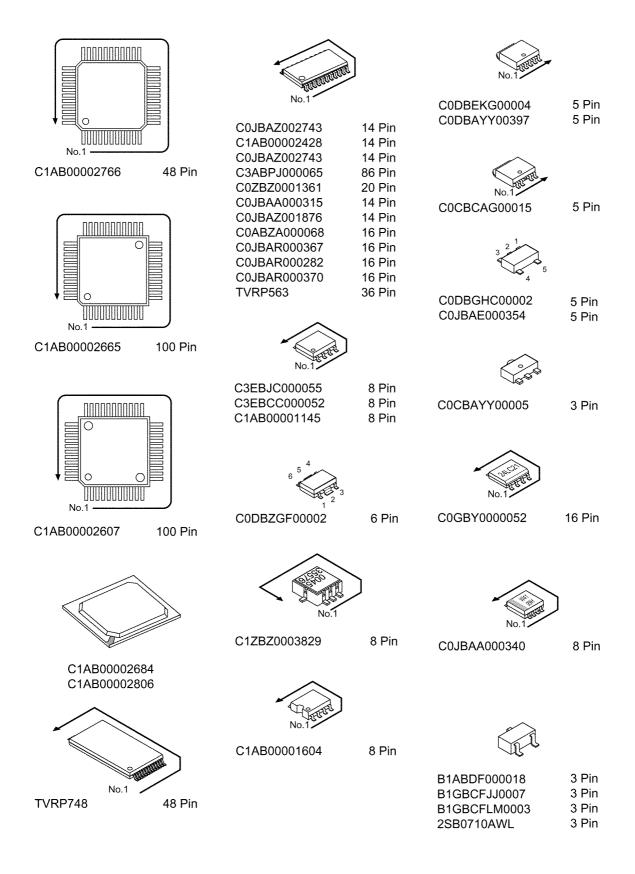
13.1. A-P.C.Board

A-P.C.Board TXANP01QPRZ (PT-LB80NTU/LB75NTU) TXANP01QPRZ (PT-LB80NTU/LB75NTU) A-P.C.Board (Component Side) TXANP01VKG7 (PT-LB80NTE/EA, PT-LB75NTE/EA) TXANP01VKG7 (PT-LB80NTE/EA, PT-LB75NTE/EA) (Foil Side) TXANP01QQAZ (PT-LB80U/LB75U), TXANP01QQAZ (PT-LB80U/LB75U), TXANP01VKH9 (PT-LB80E/EA, PT-LB75E/EA) TXANP01VKH9 (PT-LB80E/EA, PT-LB75E/EA) A-P.C.Board (Foil Side) A-P.C.Board Ε IC1002 C-5 IC1005 B-6 IC1011 A-6 IC1016 B-6 IC1017 C-6 IC1023 D-8 IC1001 C-3
IC1006 B-2
IC1018 B-3
IC1019 B-4
IC1020 B-3
IC1021 B-3
IC1022 B-3
IC1026 D-1
IC1041 C-3
IC1042 C-3
IC1052 C-2
IC1053 E-2
IC1053 E-2
IC1060 B-3
IC1060 B-3
IC1060 D-3
IC1060 D-3
IC1070 A-3
IC1070 D-3
IC1101 B-2
IC1102 B-2
IC1105 B-2
IC1107 B-2
IC1107 B-2
IC1107 B-2
IC1107 B-2
IC11107 B-2
IC11107 B-2
IC11107 B-2
IC11107 B-2
IC11107 B-2
IC11107 B-3
IC11111 D-3
IC11113 D-3 IC1024 B-6 IC1025 B-6 IC1027 B-7 IC1028 C-7 IC1028 C-7 IC1029 D-7 IC1043 C-6 IC1054 B-8 IC1055 C-8 IC1056 D-7 IC1072 C-6 IC1083 C-7 IC1085 C-6 IC1092 D-7 IC1098 D-6 IC1099 D-6 IC1099 D-0 IC1103 E-7 IC1104 E-7 IC1109 E-6 IC1110 E-7 IC1500 D-3 IC1502 E-4 IC1200 D-7 IC1204 D-8 IC1501 D-6 TRANSISTOR TRANSISTOR Q1000 A-3 Q1000 A-3 Q1001 C-3 Q1002 A-3 Q1002 B-4 Q1013 B-4 Q1014 B-4 Q1015 B-4 Q1016 C-4 Q1017 C-3 Q1004 C-8 Q1005 C-8 Q1006 C-8 Q1007 D-8 Q1008 D-8 Q1008 D-8 Q1009 D-8 Q1011 D-8 Q1011 D-8 Q1018 D-8 Q1019 D-6 Q1022 D-6 Q1023 D-6 Q1017 C-3 Q1020 D-3 Q1021 D-3 Q1025 A-3 Q1028 E-3 Q1029 E-3 Q1030 D-3 Q1032 D-3 Q1024 Q1027 Q1031 Q1036 Q1032 D-3 Q1033 D-3 Q1037 D-3 Q1600 A-3 Q1601 A-3 Q1050 Q1051 Q1052 Q1053 Q1054 Q1056 Q1057 В ADDRESS INFORMATION Q1058 E-7 Q1059 E-6 Q1062 D-5 ADDRESS INFORMATION 2 5 6 3

13.2. S-Module, WL-P.C.Board

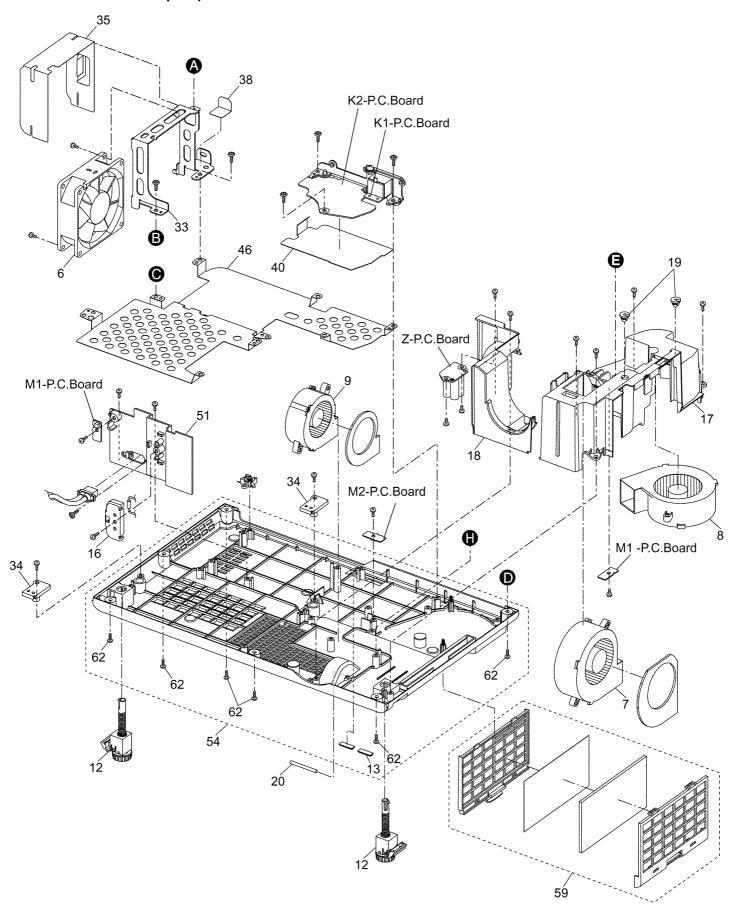


14 Terminal guide of ICs and transistors

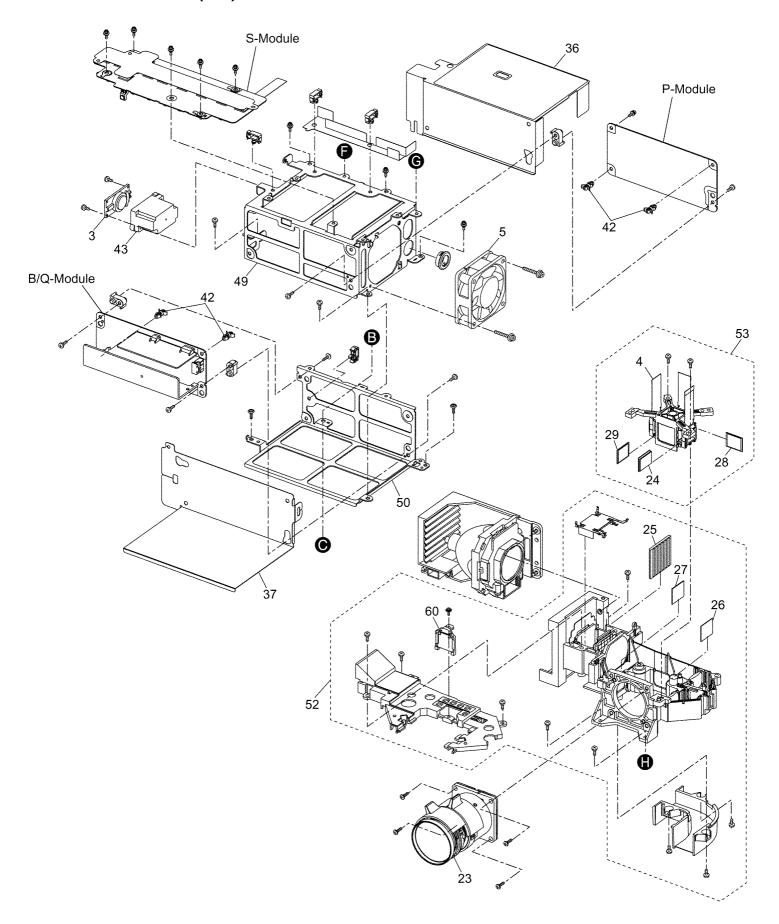


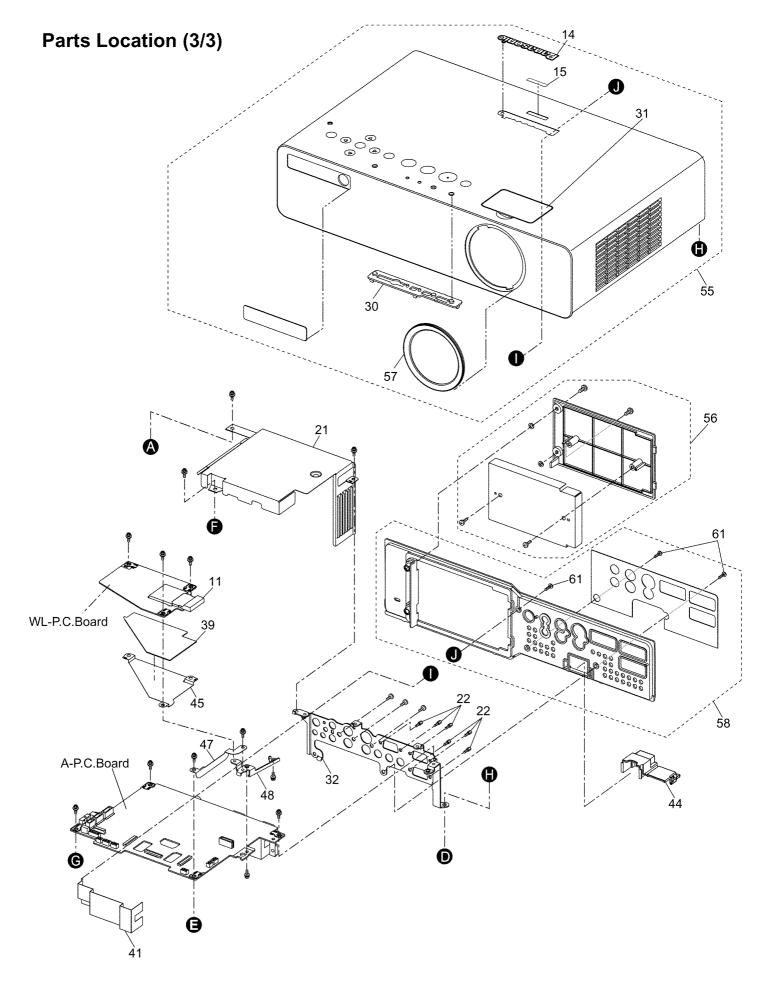
15 Exploded Views

Parts Location (1/3)

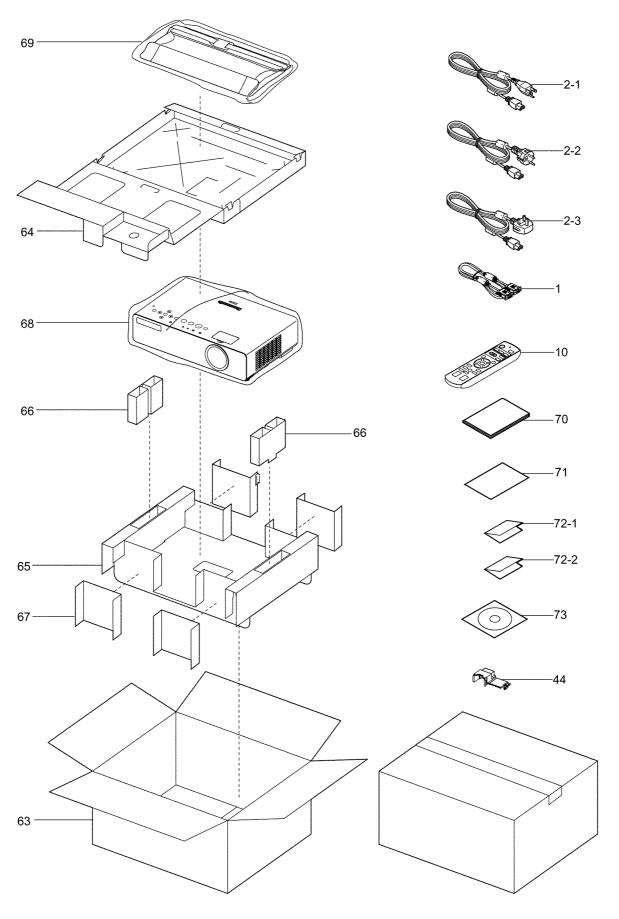


Parts Location (2/3)





Packing Parts



16 Replacement Parts List

Important Safety Notice

Components identified by the International symbol \triangle have special characteristics important for safety. When replacing any of these components, use only the manufacturer's specified parts.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

TYPE ALLOWANCE

TYPE	ALLOWANCE
C : Carbon	F: ±1%
F : Fuse	G: ±2%
M: Metal Oxide	J: ±5%
Metal Film	K : ±10%
S : Solid	M : ±20%
W: Wire Wound	

2. Capacitor

Example:

ECKF1H103ZF C 0.01PF, Z, 50V

Part No.

TYPE ALLOWANCE

TYPE	ALLOWANCE
C : Ceramic E : Electrolytic P : Polyester PP : Polypropylene S : Polystyrol T : Tantalum	C: ±0.25 pF D: ±0.5 pF F: ±1 pF J: ±5% K: ±10% L: ±15% M: ±20% P: +100%, -0% Z: +80%, -20%

Part Name &

Remarks

Notes:

Printed circuit board assembly with mark (RTL) is no longer available after production discontinuation of the complete set.

Ref.	Part No.	Part Name & Description	Remarks
		•	
	•	[MECHANICAL PARTS]	
	J0KA00000056	CORE	
	J0KA00000056	CORE	
1	K1HA15DA0002	VGA CABLE	
2-1	K2CG3DR00007	POWER CORD	⚠ LB80NTU/LB75NTU/ LB80U/LB75U
2-2	K2CM3DR00004	POWER CORD	↑ LB80NTE/EA, LB75NTE/EA, LB80E/EA, LB75E/EA
2-3	K2CT3DR00008	POWER CORD	⚠ LB80NTEA/LB75NTE A/LB80EA/LB75EA
3	L0AA04C00013	SPEAKER	
4	TZTEN01VKG7	LCD PANEL (B) A (+METAL)	⚠ LB80NTU/E/EA, LB80U/E/EA
	TZTEN01VKG8	LCD PANEL (B) A (+METAL)	⚠ LB75NTU/E/EA, LB75U/E/EA
	TZTEN02VKG7	LCD PANEL (B) B (+METAL)	⚠ LB80NTU/E/EA, LB80U/E/EA
	TZTEN02VKG8	LCD PANEL (B) B (+METAL)	⚠ LB75NTU/E/EA, LB75U/E/EA
5	L6FAYYYH0084	POWER FAN	\triangle
6	L6FAYYYH0085	VENTILATION FAN	\triangle
7	L6FCYYYH0024	INHALATION RB FAN	\triangle
8	L6FCYYYH0025	INHALATION FAN	\triangle
9	L6FCYYYH0026	LAMP FAN	\triangle
10	N2QAYB000260	REMOTE CONTROLLER	⚠ LB80NTU/E/EA, LB75NTU/E/EA
	N2QAYB000262	REMOTE CONTROLLER	⚠ LB80U/E/EA, LB75U/E/EA
11	N5HZZ0000042	LAN CARD (SDIO)	⚠ LB80NTU/E/EA, LB75NTU/E/EA
12	TBLB0085	ADJUST LEG	\triangle
13	TBLG3138	RUBBER LEG	
14	TBMA254	PANASONIC BADGE	
15	TBMA257	LOGO BADGE	⚠ LB80NTU/E/EA
	TBMA258	LOGO BADGE	LB75NTU/E/EA
	TBMA259	LOGO BADGE	LB80U/E/EA
	TBMA260	LOGO BADGE	LB75U/E/EA

No.		Description	
	TBMG933	MODEL NAME PLATE	⚠ LB80NTU
	TBMG934	MODEL NAME PLATE	⚠ LB80NTE
	TBMG935	MODEL NAME PLATE	⚠ LB80NTEA
	TBMG937	MODEL NAME PLATE	⚠ LB75NTU
	TBMG938	MODEL NAME PLATE	⚠ LB75NTE
	TBMG939	MODEL NAME PLATE	⚠ LB75NTEA
	TBMG940	MODEL NAME PLATE	⚠ LB80U
	TBMG941	MODEL NAME PLATE	⚠ LB80E
	TBMG942	MODEL NAME PLATE	⚠ LB80EA
	TBMG943	MODEL NAME PLATE	⚠ LB75U
	TBMG944	MODEL NAME PLATE	⚠ LB75E
	TBMG945	MODEL NAME PLATE	⚠ LB75EA
16	TEEC5120	TEMP FUSE INSTALL METAL	Δ
	TEEC5342	SENSOR FIX METAL	
17	TEEC5343	INHALATION DUCT	Δ
18	TEEC5344	LAMP FAN BASE	Δ
51	TEEC5346	SOCKET HOLDER	\triangle
19	TEFC5034	RUBBER CAP	
20	TEJA123	SECURITY SHAFT	
21	TENC5464	LAMP HOUSE	
	TENC5484	WIND GUIDE PLATE	
	TEWA837	BUSTERAID	LB80NTU/E/EA, LB75NTU/E/EA
22	THEC084N	D-SUB FIX SCREW	JN10/ B/ BR
23	TKGF0138	LENS	⚠ LB80NTU/E/EA, LB80U/E/EA
	TKGF0139	LENS	⚠ LB75NTU/E/EA, LB75U/E/EA
24	TKGP0054	POLARIZING PLATE/ OUT (R)	
25	TKGP5402	PBS	
26	TKGP5403	POLARIZING PLATE/IN (R)	
27	TKGP5405	POLARIZING PLATE/IN (B)	
28	TKGP5419	POLARIZING PLATE/ OUT (G)	LB80NTU/E/EA, LB80U/E/EA
	TKGP5407	POLARIZING PLATE/ OUT (G)	LB75NTU/E/EA, LB75U/E/EA
29	TKGP5408	POLARIZING PLATE/ OUT (B)	
	TKGP5410	R TRIMMING FILTER	
30	TKKC5327	LED PLATE	

Ref. No.	Part No.	Part Name & Description	Remarks
31	TKKL5437	LENS CONTROL COVER	Δ
32	TKZF5057	TERMINAL METAL	
	TKZF5058	K-PCB METAL	
	TKZF5059	INLET FIX METAL	
33	TKZJ5075	VENTILATION FAN METAL	
34	TKZX5208	CEILING BOSS METAL	
	TMKG740	ANTIVIBRATION SHEET	
	TMKG864-1	SPONGE 1	
	TMKG865	SPONGE 2	
	TMKG866	SPONGE 3	
	TMKG867	SPONGE 4	
	TMKG892	INSULATING SPONGE 1	
	TMKG893	INSULATING SPONGE 2	
	TMKG894	INSULATING SPONGE 3	
	TMKG898	SPONGE 4	
	TMKG902	SPONGE 5	
	TMKG903	SPONGE 6	
	TMKG908	SHAFT FIX SPONGE	
	TMKG909	SPONGE 7	
	TMKG910	SPONGE 8	
	TMKY253	TAPE	
		(DECORATION WINDOW)	
35	TMKY413	VENTILATION FAN COVER	
3 6	TMKY414-1	POWER SHIELD SHEET (UPPER)	Δ
37	TMKY415-1	POWER SHIELD SHEET (BOTTOM)	Δ
	TMKY417	LEADWIRE ADJUSTMENT SHEET 2	
38	TMKY418	KENSINGTON INSULATION SHEET	
	TMKY419-1	Q-PCB SHIELD SHEET	\triangle
39	TMKY420	WL-PCB SHIELD SHIELD SHEET	LB80NTU/E/EA, LB75NTU/E/EA
40	TMKY422-1	K-PCB SHIELD SHEET	Δ
41	TMKY547	TERMINAL INSULATION SHEET	
42	TMME279	SPACER (CIRCUIT BOARD)	Δ
	TMME309	REUSE LOCKING MINI CLAMP	
	TMME327	EDGE COVER	
	TMXE049	BOARD INSTALL METAL	Δ
43	TMZK5023	SPEAKER BOX	Δ
63	TPCC42702	CARTON	⚠ LB80NTU
	TPCC42703	CARTON	⚠ LB80NTE
	TPCC42704	CARTON	⚠ LB80NTEA
	TPCC42706	CARTON	⚠ LB75NTU
	TPCC42707	CARTON	⚠ LB75NTE
	TPCC42708	CARTON	⚠ LB75NTEA
	TPCC42709	CARTON	⚠ LB80U
	TPCC42710	CARTON	⚠ LB80E
	TPCC42711	CARTON	⚠ LB80EA
	TPCC42712	CARTON	⚠ LB75U
	TPCC42713	CARTON	⚠ LB75E
	TPCC42714	CARTON	⚠ LB75EA
	TPDA1868	CORNOR PAD	LB80NTU, LB75NTU, LB80U, LB75U
54	TPDF2118	ACCESSORY CARTON	
65	TPDF2119	CUSHION PAD	
6 6	TPDF2154	CUSHION PAD2	
67	TPDF2183	SUPPLEMENT PAD	
58	TPEH124-1	SET COVER	Δ
59	TPEP021	CARRING CASE	Δ
	TPGA3990	DOUBLE CARTON	⚠ LB80NTU
	TPGA3991	DOUBLE CARTON	⚠ LB75NTU
	TPGA3992	DOUBLE CARTON	⚠ LB80U
	TPGA3993	DOUBLE CARTON	⚠ LB75U
		1	

TQDJ19107 QUICGUIDE MAC	Ref.			
TQBJ0244	No.	Part No.		Remarks
LBSONTU, LB75NTU, LB80U, LB75NTU, LB80U, LB75NTU, LB80U, LB75U		TOP.T0244	<u>-</u>	Λ.
TQBJ0245	70	10000244	INSTRUCTION BOOK	_
TQBJ0245				
LBSONTE, LB75NTE, LB80E, LB75NTE, LB80E, LB75NTE, LB80E, LB75NTE, LB80E, LB75NTE, LB80E, LB75NTE, LB80E, LB75NTEA, LB80H, LB75NTEA, LB75NTEA, LB80H, LB75NTEA, LB75NTEA, LB80H, LB75NTEA,				LB80U, LB75U
LB75NTE, LB80E, LB75E		TQBJ0245	INSTRUCTION BOOK	Δ
TQBJ0246				LB80NTE,
TQBJ0246				
LB80NTEA, LB75NTEA, LB80EA, LB75NTEA, LB80EA, LB75NTEA, LB75NTEA, LB80EA, LB75NTU TQD1712010 SHEET				
TQBJ7008		TQBJ0246	INSTRUCTION BOOK	_
TQBJ7008 HIGH GROUND SHEET LB80NTU, LB75NTU				-
TQBJ7008				
TQD1712010 SHEET		TOB.T7008	HIGH GPOIND SHEET	
TQDJ18004-1 GUARANTEE CARD (CANADA) LB75NTU, LB75NTU, LB80U. LB75U		+ · ·		EDOUNIO, EDISNIO
TQDJ18032 GURRANTEE CARD LB80N_LB75U LB80N_LB75NTE LB75N_LB75NTE LB75N_LB7				T.RRONTTI
TQDJ18032 GUARANTEE CARD LB80NTU, LB75NTU, LB80U, LB75NTU, LB80NTU, LB80NTU, LB80NTU, LB80NTU, LB80NTU, LB75NTU,		12010001		
CUSA LB75NTU, LB80U, LB75NT				LB80U, LB75U
TQDJ19103 QUICK GUIDE WIN		TQDJ18032	GUARANTEE CARD	LB80NTU,
TQDJ19103			(USA)	
TQDJ19104 QUICK GUIDE WIN LB75NTU/E,				
TQDJ19104	72-1	TQDJ19103	17	LB80NTE, LB75NTE
TQDJ19105		TOD.T1 91 04		T DOONTTI / E
TQDJ19105		120019104	~	
CENGLISH/KOREAN		TODJ19105		
TQDJ19106			17	
TQDJ19107 QUICGUIDE MAC	72-2	TQDJ19106		LB80NTE, LB75NTE
TQDJ19108 QUICK GUIDE MAC LB80NTU/E/EA, (ENGLISH/KOREAN) LB75NTU/E			(GERMAN/ITALY	
TQDJ19108		TQDJ19107	17	
TQFB320 GATE BLIND SHEET			·	·
TQFE320 GATE BLIND SHEET		TQDJ19108	17	
TSXL682		поппаао	·	LB/SNTU/E/EA
CABLE		+	<u> </u>	Α
TTRA0185 AC LOCK ASSY ↑		TSXL682		\(\frac{7.\text{\tin}\}}}}}}}}}}} \end{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\}}}}}}}} \end{\text{\tin}}}}}}}}} \end{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}}}}}}}}}} \end{\text{\texi}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}
TUCB5124 ALMINUM SHEET 1 LB80NTU/E/EA, LB75NTU/E/EA	44	TTRA0185		Λ
### TUCC6300 WL SHIELD LB80NTU/E/EA, ### LB75NTU/E/EA ### TUCX5242 BASE METAL ### TUCX5243 A-PCB EARTH METAL ### TUXS11 POWER CASE (UPPER)				
LB75NTU/E/EA	45			LB80NTH/E/EA.
47 TUCX5243 A-PCB EARTH METAL 48 TUX8323 WL -PCB EARTH METAL 49 TUXX511 POWER CASE (UPPER)		1000000		
### TUXE323 WL -PCB EARTH METAL ### TUXX511 POWER CASE (UPPER)	46	TUCX5242	BASE METAL	
TUXX511	47	TUCX5243	A-PCB EARTH METAL	
TUXX512	48	TUXE323	WL -PCB EARTH METAL	
TXAWC01VKG7	49	1	DOWER GLEE (WEDDER)	Α .
TXFEC98VKG7		TUXX511	POWER CASE (UPPER)	<u>/:\</u>
LB80U/E/EA				
TXFEC98VKG8		TUXX512	POWER CASE (BOTTOM)	Δ
LB80U/E/EA	50	TUXX512 TXAWC01VKG7	POWER CASE (BOTTOM) INLET ASSY	<u>A</u>
TXFEC99VKG7A	50	TUXX512 TXAWC01VKG7	POWER CASE (BOTTOM) INLET ASSY	⚠ ⚠ LB80NTU/E/EA,
LB80U/E/EA	50	TUXX512 TXAWC01VKG7 TXFEC98VKG7	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK	↑
TXFEC99VKG8A	50	TUXX512 TXAWC01VKG7 TXFEC98VKG7	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK	↑
LB75U/E/EA	50	TUXX512 TXAWC01VKG7 TXFEC98VKG7	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK ANALYSIS BLOCK	△
TXFEC99VKG7B	50	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG8 TXFEC99VKG7A	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK ANALYSIS BLOCK OPTICAL BLOCK A	△
LB80U/E/EA	50	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG8 TXFEC99VKG7A	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK ANALYSIS BLOCK OPTICAL BLOCK A	△
TXFEC99VKG8B	50	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG8 TXFEC99VKG7A TXFEC99VKG8A	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A	⚠
LB75U/E/EA	50	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG8 TXFEC99VKG7A TXFEC99VKG8A	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A	⚠
54 TXFKF98QPRZ BOTTOM COVER ⚠ LB80NTU TXFKF98QQFZ BOTTOM COVER ⚠ LB80NTE TXFKF98QQMZ BOTTOM COVER ⚠ LB75NTU TXFKF98QQBZ BOTTOM COVER ⚠ LB75NTE TXFKF98QQPZ BOTTOM COVER ⚠ LB75NTEA TXFKF98QQAZ BOTTOM COVER ⚠ LB80U TXFKF98QQCZ BOTTOM COVER ⚠ LB80E TXFKF98QQCZ BOTTOM COVER ⚠ LB75U TXFKF98QQZ BOTTOM COVER ⚠ LB75E TXFKF99QQZ UPPER COVER ⚠ LB80NTU/E/EA TXFKF99QQZ UPPER COVER ⚠ LB80NTU/E/EA TXFKF99QQZ UPPER COVER ⚠ LB80U/E/EA TXFKF99QQZ U	50	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG8 TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG7B	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A	⚠
TXFKF98QQFZ BOTTOM COVER	50	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG8 TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG7B	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A	⚠
TXFKF98QQMZ	50	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7 TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG7B TXFEC99VKG8B	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B	⚠
TXFKF98QQBZ BOTTOM COVER	52	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7 TXFEC99VKG7A TXFEC99VKG7B TXFEC99VKG8B TXFEC99VKG8B	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B	⚠
TXFKF98QQHZ BOTTOM COVER ⚠ LB75NTE TXFKF98QQPZ BOTTOM COVER ⚠ LB75NTEA TXFKF98QQAZ BOTTOM COVER ⚠ LB80U TXFKF98QQCZ BOTTOM COVER ⚠ LB80EA TXFKF98QQCZ BOTTOM COVER ⚠ LB75U TXFKF98QQZ BOTTOM COVER ⚠ LB75E TXFKF98QQZ BOTTOM COVER ⚠ LB75EA TXFKF98QQZ BOTTOM COVER ⚠ LB75EA TXFKF99QPRZ UPPER COVER ⚠ LB80NTU/E/EA TXFKF99QQBZ UPPER COVER ⚠ LB75NTU/E/EA TXFKF99QQCZ UPPER COVER ⚠ LB80U/E/EA TXFKF99QQCZ UPPER COVER ⚠ LB75U/E/EA 56 TXFKL99QPRZ LAMP COVER ASSY ⚠ 57 TXFKL02VKG7 LENS COVER ASSY ⚠ 58 TXFKP01VKG7 TERMINAL COVER ASSY ⚠	52	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7 TXFEC99VKG7A TXFEC99VKG7B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B LAN CRAD (SDIO) BOTTOM COVER	⚠
TXFKF98QQPZ	52	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG8 TXFEC99VKG7A TXFEC99VKG7B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEW01VKB9 TXFKF98QPZ TXFKF98QQFZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B LAN CRAD (SDIO) BOTTOM COVER BOTTOM COVER	A LB80NTU/E/EA, LB80U/E/EA
TXFKF98QQAZ BOTTOM COVER	52	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG8 TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEW01VKB9 TXFKF98QPZ TXFKF98QQFZ TXFKF98QQMZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B LAN CRAD (SDIO) BOTTOM COVER BOTTOM COVER BOTTOM COVER	⚠
TXFKF98QQGZ BOTTOM COVER ⚠ LB80E TXFKF98QQNZ BOTTOM COVER ⚠ LB80EA TXFKF98QQCZ BOTTOM COVER ⚠ LB75U TXFKF98QQZ BOTTOM COVER ⚠ LB75E TXFKF98QQZ BOTTOM COVER ⚠ LB75EA 55 TXFKF99QPRZ UPPER COVER ⚠ LB80NTU/E/EA TXFKF99QQBZ UPPER COVER ⚠ LB75NTU/E/EA TXFKF99QQCZ UPPER COVER ⚠ LB80U/E/EA TXFKF99QQCZ UPPER COVER ⚠ LB75U/E/EA 56 TXFKL99QPRZ LAMP COVER ASSY ⚠ 57 TXFKL02VKG7 LENS COVER ASSY ⚠ 58 TXFKP01VKG7 TERMINAL COVER ASSY ⚠	52	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG8 TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEW01VKB9 TXFKF98QPZ TXFKF98QPZ TXFKF98QQWZ TXFKF98QQBZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B LAN CRAD (SDIO) BOTTOM COVER BOTTOM COVER BOTTOM COVER BOTTOM COVER	A LB80NTU/E/EA, LB80U/E/EA
TXFKF98QQNZ	52	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7A TXFEC99VKG7A TXFEC99VKG7B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEW01VKB9 TXFKF98QPZ TXFKF98QPZ TXFKF98QQMZ TXFKF98QQMZ TXFKF98QQHZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B LAN CRAD (SDIO) BOTTOM COVER	△
TXFKF98QQCZ BOTTOM COVER	52	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7A TXFEC99VKG7A TXFEC99VKG7B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFFEW01VKB9 TXFKF98QPZ TXFKF98QPZ TXFKF98QQMZ TXFKF98QQMZ TXFKF98QQPZ TXFKF98QQPZ TXFKF98QQPZ TXFKF98QQAZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B LAN CRAD (SDIO) BOTTOM COVER	△
TXFKF98QQJZ BOTTOM COVER ⚠ LB75E TXFKF98QQQZ BOTTOM COVER ⚠ LB75EA 55 TXFKF99QPRZ UPPER COVER ⚠ LB80NTU/E/EA TXFKF99QQBZ UPPER COVER ⚠ LB75NTU/E/EA TXFKF99QQZZ UPPER COVER ⚠ LB80U/E/EA TXFKF99QQCZ UPPER COVER ⚠ LB75U/E/EA 56 TXFKL99QPRZ LAMP COVER ASSY ⚠ 57 TXFKL02VKG7 LENS COVER ASSY ⚠ 58 TXFKP01VKG7 TERMINAL COVER ASSY ⚠	52	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7A TXFEC99VKG7A TXFEC99VKG7B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFFEW01VKB9 TXFKF98QPZ TXFKF98QPZ TXFKF98QQMZ TXFKF98QQMZ TXFKF98QQPZ TXFKF98QQPZ TXFKF98QQPZ TXFKF98QQAZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B LAN CRAD (SDIO) BOTTOM COVER	△
TXFKF98QQQZ BOTTOM COVER ⚠ LB75EA 55 TXFKF99QPRZ UPPER COVER ⚠ LB80NTU/E/EA TXFKF99QQBZ UPPER COVER ⚠ LB75NTU/E/EA TXFKF99QQAZ UPPER COVER ⚠ LB80U/E/EA TXFKF99QQCZ UPPER COVER ⚠ LB75U/E/EA 56 TXFKL99QPRZ LAMP COVER ASSY ⚠ 57 TXFKL02VKG7 LENS COVER ASSY ⚠ 58 TXFKP01VKG7 TERMINAL COVER ASSY ⚠	52	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG8 TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEW01VKB9 TXFKF98QPZ TXFKF98QPZ TXFKF98QQMZ TXFKF98QQHZ TXFKF98QQPZ TXFKF98QQPZ TXFKF98QQPZ TXFKF98QQAZ TXFKF98QQAZ TXFKF98QQGZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B LAN CRAD (SDIO) BOTTOM COVER	△
TXFKF99QPRZ	52	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7 TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFKF98QPZ TXFKF98QPZ TXFKF98QPZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B LAN CRAD (SDIO) BOTTOM COVER	△
TXFKF99QQBZ UPPER COVER ⚠ LB75NTU/E/EA TXFKF99QQAZ UPPER COVER ⚠ LB80U/E/EA TXFKF99QQCZ UPPER COVER ⚠ LB75U/E/EA 56 TXFKL99QPRZ LAMP COVER ASSY ⚠ 57 TXFKL02VKG7 LENS COVER ASSY ॒ 58 TXFKP01VKG7 TERMINAL COVER ASSY ⚠	52	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7 TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFKF98QPZ TXFKF98QPZ TXFKF98QPZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B LAN CRAD (SDIO) BOTTOM COVER	△
TXFKF99QQAZ UPPER COVER ⚠ LB80U/E/EA TXFKF99QQCZ UPPER COVER ⚠ LB75U/E/EA 56 TXFKL99QPRZ LAMP COVER ASSY ⚠ 57 TXFKL02VKG7 LENS COVER ASSY ⚠ 58 TXFKP01VKG7 TERMINAL COVER ASSY ⚠	52	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7 TXFEC99VKG7A TXFEC99VKG7A TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFKF98QPZ TXFKF98QPZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B LAN CRAD (SDIO) BOTTOM COVER	△
TXFKF99QQCZ UPPER COVER ALB75U/E/EA 56 TXFKL99QPRZ LAMP COVER ASSY 57 TXFKL02VKG7 LENS COVER ASSY 58 TXFKP01VKG7 TERMINAL COVER ASSY A	50 52 53	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7 TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFFEN01VKB9 TXFKF98QPZ TXFKF98QPZ TXFKF98QQZZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B LAN CRAD (SDIO) BOTTOM COVER	△
56 TXFKL99QPRZ LAMP COVER ASSY ⚠ 57 TXFKL02VKG7 LENS COVER ASSY 58 TXFKP01VKG7 TERMINAL COVER ASSY ⚠	50 52 53	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7 TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFKF98QPZ TXFKF98QPZ TXFKF98QQZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B OPTICAL BLOCK B LAN CRAD (SDIO) BOTTOM COVER	△
57 TXFKL02VKG7 LENS COVER ASSY 58 TXFKP01VKG7 TERMINAL COVER ASSY \(\triangle \)	50 52 53	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7 TXFEC99VKG7A TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFKF98QPZ TXFKF98QQPZ TXFKF98QQBZ TXFKF98QQBZ TXFKF98QQZZ TXFKF99QQBZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B OPTICAL BLOCK B ANALYSIS BLOCK OPTICAL BLOCK B OPTICAL BLOCK B OPTICAL BLOCK B DOTTOM COVER BOTTOM COVER	△
58 TXFKP01VKG7 TERMINAL COVER ASSY △	50 52 53	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7A TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFKF98QPZ TXFKF98QPZ TXFKF98QQEZ TXFKF98QQEZ TXFKF98QQZZ TXFKF99QQZZ TXFKF99QQZZ TXFKF99QQZZ TXFKF99QQZZ TXFKF99QQZZ TXFKF99QQZZ TXFKF99QQZZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B OPTICAL BLOCK B COPTICAL BLOCK B OPTICAL BLOCK B DOTTOM COVER BOTTOM COVER UPPER COVER UPPER COVER UPPER COVER	△
<u> </u>	50 52 53 54	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7 TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFKF98QPZ TXFKF98QPZ TXFKF98QQBZ TXFKF98QQBZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF98QQZZ TXFKF99QQZZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B OPTICAL BLOCK B OPTICAL BLOCK B COPTICAL BLOCK B OPTICAL BLOCK B DOTTOM COVER BOTTOM COVER UPPER COVER UPPER COVER UPPER COVER	A LB80NTU/E/EA, LB80U/E/EA
	50 52 53 54	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7 TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFKF98QPZ TXFKF98QPZ TXFKF98QQPZ TXFKF98QQZ TXFKF99QQZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B DOTTOM COVER BOTTOM COVER BOTT	A LB80NTU/E/EA, LB80U/E/EA
TXFMK01VKG7 BASE SHEET ASSY	50 52 53 54 55 56 57	TUXX512 TXAWC01VKG7 TXFEC98VKG7 TXFEC98VKG7 TXFEC99VKG7A TXFEC99VKG8A TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFEC99VKG8B TXFKF98QPZ TXFKF98QPZ TXFKF98QQPZ TXFKF98QQZ TXFKF99QQZ TXFKF99QPZ	POWER CASE (BOTTOM) INLET ASSY ANALYSIS BLOCK OPTICAL BLOCK A OPTICAL BLOCK A OPTICAL BLOCK B DOTTOM COVER BOTTOM COVER BOTT	A LB80NTU/E/EA, LB80U/E/EA

Ref. No.	Part No.	Part Name & Description	Remarks
59	TXFMZ01VKG7	INHALATION FILTER	Δ
73	TXFQB02VKG7	CD-ROM ASSY	⚠ LB80NTU/E/EA,
	TXJ/B1VKG7	B1 CABLE	LB75NTU/E/EA
	TXJ/E1VKD3	EARTH LEAD	\triangle
	TXJ/K1VKG7	K1-KP CABLE	Δ
	TXJ/K2VKG7	K2 CABLE	\triangle
	TXJ/M1VKG7	M1 CABLE	<u></u>
	TXJ/M2VKG7	M2 CABLE	\triangle
	TXJ/M3VKG7	M3 CABLE	\triangle
	TXJ/P1VKG7	P1 CABLE	Δ
	TXJ/P3VKG7	P3 CABLE	\triangle
	TXJ/Q3VKG7	Q3 CABLE	\triangle
	TXJ/Z1VKG7-1	Z1 CABLE	⚠
60	TXZKG03VKG7	POLARIZING PLATE/ IN (G) ASSY	LB80NTU/E/EA, LB80U/E/EA
	TXZKG03VKG8	POLARIZING PLATE/IN (G) ASSY	LB75NTU/E/EA, LB75U/E/EA
	XSB3+10FN	SCREW	
61	XSB3+8FN	SCREW	
62	XTB3+10CFN	SCREW	
	XTBT969FJK	SCREW	
	XTV3+12GFJ	SCREW	
	XTW3+8PFJ	SCREW	
	XYC3+FG10FJK	SCREW	
	XYN2+F10FJ XYN2+F6FJ	SCREW	
	XYN3+F10FJK	SCREW	
	XYN3+F10FJK XYN3+F12FJ	SCREW	
	XYN3+F25FJ	SCREW	
	XYN3+F6FJ	SCREW	
	XYN3+F8FJ	SCREW	
	XYN3+J10FJ	SCREW	
	XYN3+J12FJ	SCREW	
	XYN3+J8FJ	SCREW	
	XYN4+E8FJ	SCREW	
	XZB15X32C05	POLY BAG	
		NTEGRATED CIRCUIT]	
IC1001	[I C1AB00002665	NTEGRATED CIRCUIT]	
IC1002	[I C1AB00002665 C3EBCC000052	NTEGRATED CIRCUIT] I.C I.C	
IC1002 IC1005	C1AB00002665 C3EBCC000052 C1AB00002684	NTEGRATED CIRCUIT] I.C I.C	
IC1002 IC1005 IC1006	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065	NTEGRATED CIRCUIT] I.C I.C I.C	
IC1002 IC1005 IC1006 IC1011	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1	NTEGRATED CIRCUIT] I.C I.C I.C I.C	
IC1002 IC1005 IC1006 IC1011 IC1016	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018	C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C I.C I.	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340 C0JBAA000315	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C I.C I.	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C I.C I.	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1022	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340 C0JBAA000315 C0DBEJC00002	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C I.C I.	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1022 IC1023 IC1024	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340 C0JBAA000315 C0DBEJC00002 C3EBCC000052	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C I.C I.	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340 C0JBAA000315 C0DBEJC00002 C3EBCC000052	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C I.C I.	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025 IC1026	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340 C0JBAA000315 C0DBEJC00002 C3EBCC000052 C0JBAZ002743 C1AB00002548	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C I.C I.	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025 IC1026 IC1027	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340 C0JBAA000315 C0DBEJC00002 C3EBCC000052 C0JBAZ002743 C1AB00002548 C0CBCAG00015	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C I.C I.	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025 IC1026 IC1027 IC1028	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340 C0JBAA000315 C0DBEJC00002 C3EBCC000052 C0JBAZ002743 C1AB00002548 C0CBCAG00015 C0DBCYY00028	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C I.C I.	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025 IC1026 IC1027 IC1028 IC1029	[I C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAZ001876 C0JBAZ00340 C0JBAZ00340 C0JBAZ00340 C0JBAZ002743 C1AB00002548 C0CBCAG00015 C0CBCAG00015 C0CBCAG00015 C0CBCAG00015 C0CBCAG00015 C0CBCAG00015 C0CBCAG00015	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C I.C I.	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025 IC1026 IC1027 IC1028 IC1029 IC1029 IC1029 IC1029	[II C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340 C0JBAD00315 C0DBEJC00002 C3EBCC000052 C0JBAZ002743 C1AB00002548 C0CBCAG00015 C0DBCYY00028 C0DBEKG00004 C0DBZHD00013	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C I.C I.	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025 IC1026 IC1027 IC1028 IC1029 IC1041 IC1042	[II C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340 C0JBAA000315 C0DBEJC00002 C3EBCC000052 C0JBAZ002743 C1AB00002548 C0CBCAG00015 C0DBCYY00028 C0DBEKG00004 C0DBZDF000013 C0DBZDF00002	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C I.C I.	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025 IC1026 IC1027 IC1028 IC1029 IC1041 IC1042 IC1042 IC1043	[II C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340 C0JBAA000315 C0DBEJC00002 C3EBCC000052 C0JBAZ002743 C1AB00002548 C0CBCAG00015 C0DBCYY00028 C0DBEKG00004 C0DBZHD00013 C0DBZGF00002 C0CBCAD00015	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C I.C I.	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025 IC1026 IC1027 IC1028 IC1029 IC1041 IC1042 IC1043 IC1043 IC1043 IC1045	[II C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340 C0JBAA000315 C0DBEJC00002 C3EBCC000052 C0JBAZ002743 C1AB00002548 C0CBCAG00015 C0DBCYY00028 C0DBCYY00028 C0DBCYY00028 C0DBZGF00004 C0DBZHD00013 C0DBZGF00002 C0CBCAD00015 C1AB00002607	NTEGRATED CIRCUIT] I.C I.C I.C I.C I.C I.C I.C I.C I.C I.	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025 IC1026 IC1027 IC1028 IC1029 IC1041 IC1042 IC1042 IC1043 IC1043 IC1052	[II C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340 C0JBAA000315 C0DBEJC00002 C3EBCC000052 C0JBAZ002743 C1AB00002548 C0CBCAG00015 C0DBCYY00028 C0DBCYY00028 C0DBCYY00028 C0DBZGF00004 C0DBZHD00013 C0DBZGF00002 C0CBCAD00015 C1AB00002607 C1AB00002607	NTEGRATED CIRCUIT	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025 IC1026 IC1027 IC1028 IC1029 IC1041 IC1042 IC1042 IC1043 IC1052 IC1053	[II C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340 C0JBAA000315 C0DBEJC00002 C3EBCC000052 C0JBAZ002743 C1AB00002548 C0CBCAG00015 C0DBCYY00028 C1AB00002607 C1AB00002607	NTEGRATED CIRCUIT	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025 IC1026 IC1027 IC1028 IC1029 IC1041 IC1042 IC1043 IC1051 IC1052 IC1053 IC1054	[II C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAZ001876 C0JBAZ001876 C0JBAZ002743 C1AB00002548 C0CBCAG00055 C0JBAZ002743 C1AB00002548 C0CBCAG00015 C0DBCYY00028 C1AB00002607 C1AB00002607 C1AB00002607 C1AB00002607	NTEGRATED CIRCUIT]	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025 IC1026 IC1027 IC1028 IC1029 IC1041 IC1042 IC1043 IC1055 IC1056 IC1056 IC1056	[II C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA00340 C0JBAD00340 C0JBAD002548 C0CBCAG00055 C1AB00002548 C0CBCAG00015 C1AB00002548 C0CBCAG00015 C1AB00002546 C1AB00002607 C1AB00002607 C1AB00002766 C1AB00002766 C1AB00002766 C1AB00002766 C1AB00002766 C1AB00002766	NTEGRATED CIRCUIT I.C	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025 IC1026 IC1027 IC1028 IC1029 IC1041 IC1042 IC1043 IC1055 IC1056 IC1056 IC1056 IC1056 IC1060 IC1061	[II C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA000340 C0JBAD0002548 C0CBCAG00055 C1AB00002548 C0CBCAG00015 C0DBCYY00028 C0DBCYY00028 C0DBCAG00015 C1AB00002548 C0CBCAG00015 C1AB00002607 C1AB00002607 C1AB00002666 C1AB00002766 C0ABZA000068 C0JBAA000345	NTEGRATED CIRCUIT]	
IC1002 IC1005 IC1006 IC1011 IC1016 IC1017 IC1018 IC1019 IC1020 IC1021 IC1022 IC1023 IC1024 IC1025 IC1026 IC1027 IC1028 IC1029 IC1041 IC1042 IC1043 IC1055 IC1056 IC1056 IC1056	[II C1AB00002665 C3EBCC000052 C1AB00002684 C3ABPJ000065 TVRP748-1 C0EBE0000348 C3EBJC000055 C1ZBZ0003829 C0CBCAC00096 C0JBAZ001876 C0JBAA00340 C0JBAD00340 C0JBAD002548 C0CBCAG00055 C1AB00002548 C0CBCAG00015 C1AB00002548 C0CBCAG00015 C1AB00002546 C1AB00002607 C1AB00002607 C1AB00002766 C1AB00002766 C1AB00002766 C1AB00002766 C1AB00002766 C1AB00002766	NTEGRATED CIRCUIT I.C	

Ref. No.	Part No.	Part Name & Description	Remarks
IC1080	C0JBAR000282	I.C	LB80NTU,
101000	COUBAROUUZUZ	1.0	LB75NTU,
			LB80U, LB75U
IC1083	C0ZBZ0001627	I.C	-
IC1085	C0DBGHC00002	I.C	
IC1092	C0GBY0000052	I.C	
IC1097	C2BBYY000516	I.C	LB80NTU,
101097	C2BB11000310	1.0	LB75NTU,
			LB80U, LB75U
IC1098	C0JBAE000354	I.C	LB80NTU,
			LB75NTU,
			LB80U, LB75U
IC1099	C0JBAE000354	I.C	LB80NTU,
			LB75NTU,
			LB80U, LB75U
IC1100	C1AB00001145	I.C	LB80NTU,
			LB75NTU, LB80U, LB75U
IC1101	C0JBAZ002069	I.C	шооо, шолоо
	+		
IC1102	C0JBAZ002069	I.C	
IC1103	C0DBEKG00004	I.C	
IC1104	C0DBEKG00004	I.C	+
IC1105	CODBAYY00397	I.C	-
IC1106	C0DBEKG00004	I.C	
IC1107	CODBAYY00397	I.C	
IC1109	C1AB00001604	I.C	LB80NTU,
			LB75NTU,
			LB80U, LB75U
IC1110	C0JBAZ002743	I.C	LB80NTU,
			LB75NTU, LB80U, LB75U
T01111	G0DDF#D00013	T 0	пресобратительного
IC1111	CODBZHD00013	I.C	
IC1112	C0JBAA000345	I.C	
IC1113	С0ЈВАА000345	I.C	
IC1200	C1AB00002806	I.C	
IC1204	C0ABBA000229	I.C	
IC1500	C0JBAR000367	I.C	
IC1501	C1AB00002428	I.C	
IC1502	C0JBAR000370	I.C	
IC1802	TVRP750-1	I.C	LB80NTU/E/EA,
			LB75NTU/E/EA
IC1803	C2GBC0000205	I.C	LB80NTU/E/EA,
			LB75NTU/E/EA
IC1804	C0DBEYG00002	I.C	LB80NTU/E/EA,
			LB75NTU/E/EA
IC1805	C0FBBK000066	I.C	LB80NTU/E/EA, LB75NTU/E/EA
IC1806	C0JBAZ002347	I.C	LB80NTU/E/EA,
101000	C00BAZ002347	1.0	LB75NTU/E/EA
IC1807	C0JBAF000736	I.C	LB80NTU/E/EA,
101007	COODIN COO750	1.0	LB75NTU/E/EA
IC1808	C3ABQY000043	I.C	LB80NTU/E/EA,
			LB75NTU/E/EA
IC1809	C3ABQY000043	I.C	LB80NTU/E/EA,
			LB75NTU/E/EA
IC1810	C0EBY0000242	I.C	LB80NTU/E/EA,
			LB75NTU/E/EA
IC9602	C0ZBZ0001462	I.C(B-PCB)	
IC9603	C0ZBZ0001462	I.C(B-PCB)	
		[TRANSISTORS]	
Q1000	B1ABDF000018	TRANSISTOR	
Q1001	B1ABDF000018	TRANSISTOR	
Q1002	B1ABDF000018	TRANSISTOR	
Q1003	B1ABDF000018	TRANSISTOR	
Q1004	B1GBCFLM0003	TRANSISTOR	
Q1005	2SB0710AWL	TRANSISTOR	
Q1006	B1DFED000017	TRANSISTOR	
	B1GBCFLM0003	TRANSISTOR	
Q1007	+	+	
Q1008	B1GBCFLL0039	TRANSISTOR	+
Q1009	B1CHQD000001	TRANSISTOR	+
Q1010	B1ABDF000018	TRANSISTOR	
	ID 1 3 DD E 0 0 0 0 1 0	TRANSISTOR	1
Q1011	B1ABDF000018		
	B1GBCFJJ0007	TRANSISTOR	
Q1011			

Ref.	Part No.	Part Name &	Remarks
No.	D13DDD000000	Description	+
Q1015	B1ABDF000018	TRANSISTOR	
Q1016 01017	B1ABDF000018 B1GDCFJJ0008	TRANSISTOR TRANSISTOR	
Q1017 Q1018	B1ABDF000018	TRANSISTOR	
Q1018 Q1019	B1ADCF000063	TRANSISTOR	LB80NTU,
21013	Binber 000003		LB75NTU, LB80U, LB75U
Q1020	B1GBCFJJ0007	TRANSISTOR	LB80NTU, LB75NTU,
			LB80U, LB75U
Q1021	B1GBCFJJ0007	TRANSISTOR	LB80NTU, LB75NTU,
Q1022	B1GBCFJJ0007	TRANSISTOR	LB80U, LB75U LB80NTU,
Q1022	ВІВВСЕВООООТ	TRANSISTOR	LB75NTU, LB80U, LB75U
Q1023	B1GBCFJJ0007	TRANSISTOR	LB80NTU, LB75NTU,
			LB80U, LB75U
Q1024	B1GBCFJJ0007	TRANSISTOR	LB80NTU, LB75NTU,
01025	2GB121070T	TDANGTOTOD	LB80U, LB75U
Q1025 Q1027	2SB1218A0L B1ADCF000063	TRANSISTOR	LB80NTU,
Q1027	BIADCF000003	TRANSISTOR	LB75NTU, LB80U, LB75U
Q1028	B1GBCFJJ0007	TRANSISTOR	LB80NTU,
			LB75NTU, LB80U, LB75U
Q1029	B1ABDF000018	TRANSISTOR	LB80NTU,
			LB75NTU, LB80U, LB75U
Q1030	B1ABDF000018	TRANSISTOR	LB80NTU,
			LB75NTU,
			LB80U, LB75U
Q1031	B1ADCF000063	TRANSISTOR	LB80NTU, LB75NTU, LB80U, LB75U
Q1032	B1GBCFLM0003	TRANSISTOR	
Q1033	B1GBCFLM0003	TRANSISTOR	
Q1036	2SD1819A0L	TRANSISTOR	
Q1037	B1GBCFLM0003	TRANSISTOR	
Q1050	B1GBCFJJ0007	TRANSISTOR	
Q1051	2SD1819A0L	TRANSISTOR	
Q1052	2SD1819A0L	TRANSISTOR	
Q1053	2SD1819A0L	TRANSISTOR	
Q1054	B1GBCFLM0003	TRANSISTOR	
Q1056	B1ADCE000013	TRANSISTOR	
Q1057	B1ADCE000013	TRANSISTOR	
Q1058 Q1059	2SD19790SL 2SD19790SL	TRANSISTOR TRANSISTOR	
Q1600	B1ABBB000089	TRANSISTOR	
Q1601	B1ABBB000089	TRANSISTOR	
Q1601 Q1602	B1ABBB000089	TRANSISTOR	
Q9601	2SD1819A0L	TRANSISTOR (B-PCB)	
Q9602	2SB1218A0L	TRANSISTOR (B-PCB)	
Q9603	B1CERQ000038	TRANSISTOR (B-PCB)	
Q9604	2SB0710AWL	TRANSISTOR (B-PCB)	
Q9605	2SB0710AWL	TRANSISTOR (B-PCB)	
Q9606	B1CERM000016	TRANSISTOR (B-PCB)	
Q9607	B1CERM000016	TRANSISTOR (B-PCB)	
Q9608	2SB0710AWL	TRANSISTOR (B-PCB)	
Q9609	2SB0710AWL	TRANSISTOR (B-PCB)	
Q9610	B1CERM000016	TRANSISTOR (B-PCB)	1
Q9611	B1CERM000016	TRANSISTOR (B-PCB)	
Q9614	B1CERQ000038	TRANSISTOR (B-PCB)	
		[DIODES]	
D1000	MAZ81500ML	DIODE	
D1001	MAZ81500ML	DIODE	
D1002	MAZ81500ML	DIODE	
D1003	MAZ81500ML	DIODE	
D1004	MAZ80560ML	DIODE	
D1006	MAZ80560ML	DIODE	
D1007	MAZ80560ML	DIODE	-
D1008	MAZ80560ML	DIODE	

Ref. No.	Part No.	Part Name & Description	Remarks
D1009	MA3S1370GL	DIODE	
D1010	MA3S1370GL	DIODE	
D1011	MA3S1370GL	DIODE	
D1012	MAZ80560ML	DIODE	
D1013	MAZ80560ML	DIODE	
D1015 D1016	B0JCPD000026 B0JCPD000026	DIODE	
D1010	MA721TX	DIODE	
D1023	MA721TX	DIODE	
D1028	MA3X157A0L	DIODE	
D1029	B0JCME000076	DIODE	
D1030	B0JCPD000026	DIODE	
D1031	MA2J11300L	DIODE	
D1032	B0JCME000076	DIODE	
D1033 D1034	B0JCPD000026 MA2J11300L	DIODE	
D1034	B0ECKP000047	DIODE	
D1600	MA3S1370GL	DIODE	
D1601	MA3S1370GL	DIODE	
D1602	MA3S1370GL	DIODE	
D1603	MA3S1370GL	DIODE	
D1604	MA3S1370GL	DIODE	
D5001	B0BC01000033	DIODE	
D5002	B0HCMM000013	DIODE	
D9101 D9601	D4EAY4710001 B0HASR000006	DIODE (B-PCB)	<u> </u>
D9604	B0ACEM000012	DIODE (B-PCB)	
D9605	B0JCME000076	DIODE (B-PCB)	
D9606	B0ACEM000012	DIODE (B-PCB)	
D9607	B0JCME000076	DIODE (B-PCB)	
D9608	B0ACEM000012	DIODE (B-PCB)	
D9609	B0JCME000076	DIODE (B-PCB)	
D9611	B0ACEM000012	DIODE (B-PCB)	
D9612	B0JCME000076	DIODE (B-PCB)	
D9616 D9617	B0ECKP000047 B0JCME000076	DIODE (B-PCB) DIODE (B-PCB)	
D9618	B0JCME000076	DIODE (B-PCB)	
D9619	B0JCME000076	DIODE (B-PCB)	
D9620	B0JCME000076	DIODE (B-PCB)	
D9621	B0JCME000076	DIODE (B-PCB)	
D9622	B0ECKP000047	DIODE (B-PCB)	
D9623	B0ECKP000047	DIODE (B-PCB)	
D9624	B0JCME000076	DIODE (B-PCB)	
D9625 D9626	B0JCME000076 B0JCME000076	DIODE (B-PCB) DIODE (B-PCB)	
D9627	B0JCME000076	DIODE (B-PCB)	
D9628	B0JCME000076	DIODE (B-PCB)	
D9629	B0ECKP000047	DIODE (B-PCB)	
		[COILS]	
L1000	J0JJC0000022	EMI FILTER	
L1001	J0JJC0000022	EMI FILTER	
L1002	J0JJC0000022	EMI FILTER	
L1003	G1CR10K00010	FILTER	
L1004	J0JJC0000022	EMI FILTER	
L1005	J0JCC0000168	FILTER	
L1006	J0JCC0000168	FILTER	
L1007 L1008	J0JCC0000168	FILTER FILTER	
L1008	J0JCC0000168	FILTER	
L1010	J0JCC0000168	FILTER	
L1011	J0JJC0000022	EMI FILTER	
L1012	J0JCC0000168	FILTER	
L1013	J0JCC0000168	FILTER	
L1014	J0JJC0000022	EMI FILTER	
L1015	J0JJC0000022	EMI FILTER	
L1016	J0JJC0000022	EMI FILTER	
L1017 L1018	ELJFA470JFB ELJFA470JFB	COIL	
L1018	ELJFA470JFB	COIL	
	1	COIL	
L1020	ELJFA470JFB	COID	

Ref.	Part No.	Part Name &	Remarks
No.	Part No.	Description	Remarks
L1023	J0JGC0000059	FILTER	
L1025	J0JGC0000059	FILTER	
L1026	J0JJC0000022	EMI FILTER	
L1027	J0JJC0000022	EMI FILTER	
L1028	J0JJC0000022	EMI FILTER	
L1029	J0JJC0000022	EMI FILTER	
L1030	J0JJC0000022	EMI FILTER	
L1031	J0JJC0000022	EMI FILTER	
L1033	J0JJC0000022	EMI FILTER	
L1034	J0JJC0000022	EMI FILTER	
L1035	J0JJC0000022	EMI FILTER	LB80NTU, LB75NTU,
			LB80U, LB75U
L1036	J0JJC0000022	EMI FILTER	
L1037	J0JJC0000022	EMI FILTER	
L1038	J0JJC0000022	EMI FILTER	
L1039	J0JCC0000168	FILTER	
L1040	J0JCC0000168	FILTER	
L1041	J0JCC0000168	FILTER	
L1042	J0JCC0000168	FILTER	
L1043	J0JCC0000168	FILTER	
L1044	J0JJC0000022	EMI FILTER	
L1045	J0JJC0000022	EMI FILTER	
L1046	J0JJC0000022	EMI FILTER	
L1047	J0JBC0000116	EMI FILTER	
L1048	J0JBC0000116 D0YAR000007	RESISTOR	
L1051	J0JCC0000168	FILTER	
L1052	J0JCC0000168	FILTER	
L1053	J0JJC0000022	EMI FILTER	
L1054	J0JJC0000022	EMI FILTER	
L1055	J0JJC0000022	EMI FILTER	
L1056	J0JJC0000022	EMI FILTER	
L1057	J0JBC0000086	EMI FILTER	
L1058	J0JJC0000022	EMI FILTER	
L1059	J0JJC0000022	EMI FILTER	
L1060	J0JJC0000022	EMI FILTER	
L1060 L1061	J0JJC0000022 J0JJC0000022	EMI FILTER EMI FILTER	
L1061 L1062	J0JJC0000022 J0JJC0000022	EMI FILTER EMI FILTER	
L1061 L1062 L1063	J0JJC0000022 J0JJC0000022 J0JJC0000022	EMI FILTER EMI FILTER EMI FILTER	
L1061 L1062 L1063 L1064	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022	EMI FILTER EMI FILTER EMI FILTER EMI FILTER	
L1061 L1062 L1063 L1064 L1065	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022	EMI FILTER EMI FILTER EMI FILTER EMI FILTER EMI FILTER	
L1061 L1062 L1063 L1064 L1065 L1066	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022	EMI FILTER	
L1061 L1062 L1063 L1064 L1065 L1066	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022	EMI FILTER	
L1061 L1062 L1063 L1064 L1065 L1066 L1067	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022	EMI FILTER FILTER	
L1061 L1062 L1063 L1064 L1065 L1066	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 G1C470MA0291 G1C470MA0291	EMI FILTER	
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022	EMI FILTER FILTER FILTER FILTER	
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 G1C470MA0291 J0JCC0000168	EMI FILTER FILTER FILTER FILTER FILTER	
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 G1C470MA0291 J0JCC0000168 J0JCC0000168	EMI FILTER FILTER FILTER FILTER FILTER FILTER	
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 G1C470MA0291 J0JCC0000168 J0JCC0000168	EMI FILTER FILTER FILTER FILTER FILTER FILTER FILTER FILTER	LBSONTU/E/EA,
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 G1C470MA0291 G1C470MA0291 J0JCC0000168 J0JCC0000168 J0JCC0000168	EMI FILTER	LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 G1C470MA0291 G1C470MA0291 J0JCC0000168 J0JCC0000168 J0JCC0000168	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA,
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 G1C470MA0291 G1C470MA0291 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 G1C470MA0291 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000168	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA,
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 G1C470MA0291 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 G1C470MA0291 G1C470MA0291 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA,
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 G1C470MA0291 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA, LB80NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803 L1804 L1805	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC00000168 J0JCC0000168 J0JCC0000168 J0JCC0000107 J0JHC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA,
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803 L1804	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 G1C470MA0291 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000107 J0JHC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803 L1804 L1805 L1806	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC00000168 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803 L1804 L1805	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC00000168 J0JCC0000168 J0JCC0000168 J0JCC0000107 J0JHC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803 L1804 L1805 L1806	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC00000168 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA, LB75NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803 L1804 L1805 L1806	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC00000168 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803 L1804 L1805 L1806	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC00000168 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803 L1804 L1805 L1806 L1807 L1806 L1807	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC00000168 J0JC0000168 J0JC0000168 J0JC0000168 J0JC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803 L1804 L1805 L1806 L1807 L1808 L1809 L9101 L9102 FL1000	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC00000168 J0JC0000168 J0JC0000168 J0JC0000168 J0JC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107 J0JHC0000107	EMI FILTER FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803 L1804 L1805 L1806 L1807 L1806 L1807 L1808 L1809 L9101 L9102 FL1000 FL1001	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC00000168 J0JCC0000168 J0JC0000168 J0JC0000168 J0JC0000168 J0JC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803 L1804 L1805 L1806 L1807 L1808 L1809 L9101 L9102 FL1000 FL1001 FL1002	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC00000168 J0JCC0000168 J0JC0000168 J0JC0000168 J0JC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803 L1804 L1805 L1806 L1807 L1808 L1809 L9101 L9102 FL1000 FL1001 FL1002 FL1003	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC00000168 J0JCC0000168 J0JC0000168 J0JC0000168 J0JC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803 L1804 L1805 L1806 L1807 L1808 L1809 L9101 L9102 FL1000 FL1001 FL1002 FL1003 FL1004	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC00000168 J0JCC0000168 J0JCC0000168 J0JCC0000168 J0JCC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
L1061 L1062 L1063 L1064 L1065 L1066 L1067 L1068 L1069 L1500 L1501 L1502 L1503 L1802 L1803 L1804 L1805 L1806 L1807 L1808 L1809 L9101 L9102 FL1000 FL1001 FL1002 FL1003	J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC0000022 J0JJC00000168 J0JCC0000168 J0JC0000168 J0JC0000168 J0JC0000107 J0JHC0000107	EMI FILTER	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA

No.	Part No.	Part Name & Description	Remarks
FL1007	J0HAYY000012	FILTER	
FL1008	J0HAYY000012	FILTER	
FL1009	J0HAYY000012	FILTER	
FL1010	J0HAYY000012	FILTER	
FL1011	J0HAYY000012	FILTER	
FL1012	J0HAYY000012	FILTER	
FL1014	J0HAYY000012	FILTER	
FL1015	J0HAYY000012	FILTER	
FL1801	J0HABC000010	FILTER	LB80NTU/E/EA, LB75NTU/E/EA
FL1804	J0HABC000010	FILTER	LB80NTU/E/EA, LB75NTU/E/EA
FL1806	J0HAYY000057	FILTER	LB80NTU/E/EA, LB75NTU/E/EA
FL1807	J0HAYY000057	FILTER	LB80NTU/E/EA, LB75NTU/E/EA
FL1808	J0HAYY000057	FILTER	LB80NTU/E/EA, LB75NTU/E/EA
FL1809	J0HAYY000057	FILTER	LB80NTU/E/EA, LB75NTU/E/EA
FL1810	J0HAYY000057	FILTER	LB80NTU/E/EA,
FL1811	J0HAYY000057	FILTER	LB75NTU/E/EA LB80NTU/E/EA,
FL1812	J0HAYY000057	FILTER	LB75NTU/E/EA LB80NTU/E/EA,
FL1813	J0HAYY000057	FILTER	LB75NTU/E/EA LB80NTU/E/EA,
FL1814	J0HAYY000057	FILTER	LB75NTU/E/EA LB80NTU/E/EA,
FL1816	J0HABC000010	FILTER	LB75NTU/E/EA LB80NTU/E/EA,
FL1817	J0HAYY000012	FILTER	LB75NTU/E/EA LB80NTU/E/EA,
FL1818	J0HAYY000012	FILTER	LB75NTU/E/EA LB80NTU/E/EA,
			LB75NTU/E/EA
	ļ	[RESISTORS]	ļ
R1003	ERJ2GEJ560	M 56 OHM, 0.063W	
R1004	D0YAR0000007	RESISTOR	
R1005	ERJ2GEJ560	M 56 OHM, 0.063W	
R1006	D0YAR0000007	RESISTOR	
R1007	ERJ2GEJ560	M 56 OHM, 0.063W	
R1008	ERJ2GEJ560	M 56 OHM, 0.063W	
R1009	EXB28V560J	RESISTOR ARRAY	
R1012	EXB28V470J	RESISTOR ARRAY	
R1013	EXB28V470J	RESISTOR ARRAY	
R1014	EXB28V470J	RESISTOR ARRAY	
R1015			
	EXB28V470J	RESISTOR ARRAY	
R1017	ERJ2GEJ220	M 22 OHM, 0.063W	
R1017 R1018	ERJ2GEJ220 ERJ2GEJ220	M 22 OHM, 0.063W M 22 OHM, 0.063W	
R1017 R1018 R1019	ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220	M 22 OHM, 0.063W M 22 OHM, 0.063W M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020	ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220	M 22 OHM, 0.063W M 22 OHM, 0.063W M 22 OHM, 0.063W M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021	ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220	M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022	ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220	M 22 OHM, 0.063W M 22 OHM, 0.063W M 22 OHM, 0.063W M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023	ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220	M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1022 R1023 R1024	ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220	M 22 OHM, 0.063W M 20 OHM, 0.063W M 100K OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025	ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220 ERJ2GEJ220	M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026	ERJ2GEJ220	M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027	ERJ2GEJ220	M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1022 R1023 R1024 R1025 R1026 R1027 R1029	ERJ2GEJ220	M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1029 R1030	ERJ2GEJ220 DOYARO000007	M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1029 R1030 R1031	ERJ2GEJ220	M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1029 R1030 R1031 R1032	ERJ2GEJ220	M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1029 R1030 R1031 R1032 R1032	ERJ2GEJ220	M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1029 R1030 R1031 R1032 R1033 R1036	ERJ2GEJ220	M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1029 R1030 R1031 R1032 R1033 R1036 R1037	ERJ2GEJ220	M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1029 R1030 R1031 R1032 R1033 R1036 R1037 R1038 R1038	ERJ2GEJ220	M 22 OHM, 0.063W RESISTOR M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1029 R1030 R1031 R1032 R1033 R1036 R1037 R1038 R1039 R1040	ERJ2GEJ220	M 22 OHM, 0.063W RESISTOR M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1029 R1030 R1031 R1032 R1033 R1036 R1037 R1038 R1038 R1039 R1040 R1041	ERJ2GEJ220	M 22 OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1029 R1030 R1031 R1032 R1033 R1036 R1037 R1038 R1038 R1039 R1040 R1041 R1042	ERJ2GEJ220	M 22 OHM, 0.063W M 0.063W M 0.063W M 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1029 R1030 R1031 R1031 R1032 R1033 R1036 R1037 R1038 R1039 R1040 R1041 R1042 R1042 R1043	ERJ2GEJ220	M 22 OHM, 0.063W M 1K OHM, 0.063W M 1K OHM, 0.063W	
R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1029 R1030 R1031 R1032 R1033 R1034 R1039 R1039 R1039 R1040 R1041 R1042	ERJ2GEJ220	M 22 OHM, 0.063W M 0.063W M 0.063W M 0.063W	

Ref.	Part No.	Part Name &	Remarks
No.		Description	
R1047	D0YAR0000007	RESISTOR	
R1048 R1049	ERJ3EKF1473 ERJ2GEJ102	M 147KOHM, 0.063W M 1K OHM, 0.063W	
R1050	D0YAR0000007	RESISTOR	
R1051	ERJ2GEJ220	M 22 OHM, 0.063W	
R1052	ERJ2GEJ220	M 22 OHM, 0.063W	
R1053	ERJ2GEJ220	M 22 OHM, 0.063W	
R1056	ERJ2GEJ104	M100K OHM, 0.063W	
R1058	ERJ2GEJ473	M 47K OHM, 0.063W	
R1059	ERJ2GEJ473	M 47K OHM, 0.063W	
R1060	ERJ2GEJ473	M 47K OHM, 0.063W	
R1061	D0YAR0000007	RESISTOR	
R1062	D0YAR0000007	RESISTOR	
R1063	D0YAR0000007	RESISTOR	
R1064	ERJ2GEJ470	M 47 OHM, 0.063W	
R1065 R1066	ERJ3GEYJ101 ERJ3GEYJ101	M 100 OHM, J, 1/16W M 100 OHM, J, 1/16W	
R1066	ERJ3GEIJ101 ERJ2GEJ100	M 10 OHM, 0.063W	
R1068	ERJ2GEJ100	M 10 OHM, 0.063W	
R1068	ERJ2GEJ100	M 10 OHM, 0.063W	
R1074	ERJ2GEJ333	M 33K OHM, 0.063W	<u> </u>
R1075	EXB28V470J	RESISTOR ARRAY	
R1076	ERJ2GEJ104	M100K OHM, 0.063W	
R1077	ERJ2GEJ104	M100K OHM, 0.063W	
R1078	ERJ2GEJ104	M100K OHM, 0.063W	
R1079	D0YAR0000007	RESISTOR	
R1080	EXB28V470J	RESISTOR ARRAY	
R1081	ERJ2GEJ104	M100K OHM, 0.063W	LB80NTU, LB75NTU,
R1088	ERJ3EKF1203	M 120KOHM, 0.063W	LB80U, LB75U LB80NTU, LB75NTU, LB80U, LB75U
R1089	EXB28V470J	RESISTOR ARRAY	швооо, шв/зо
R1090	ERJ3EKF1002	M 10KOHM, 1/16W	LB80NTU,
			LB75NTU, LB80U, LB75U
R1091	EXB28V470J	RESISTOR ARRAY	
R1092	EXB28V470J	RESISTOR ARRAY	
R1092 R1094	EXB28V470J ERJ3GEY0R00	RESISTOR ARRAY M 0 OHM, 1/16W	
R1092 R1094 R1095	EXB28V470J ERJ3GEY0R00 EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY	
R1092 R1094 R1095 R1096	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY RESISTOR ARRAY	
R1092 R1094 R1095 R1096 R1097	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY	
R1094 R1095 R1096 R1097 R1098	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY	
R1092 R1094 R1095 R1096 R1097 R1098 R1099	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY	
R1092 R1094 R1095 R1096 R1097 R1098 R1099 R1100	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY	
R1092 R1094 R1095 R1096 R1097 R1098 R1099	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY	
R1092 R1094 R1095 R1096 R1097 R1098 R1099 R1100 R1101	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W	
R1092 R1094 R1095 R1096 R1097 R1098 R1099 R1100 R1101 R1102	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY	
R1092 R1094 R1095 R1096 R1097 R1098 R1099 R1100 R1101 R1102 R1103	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J ERJ2GEJ470 ERJ2GEJ470	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 47 OHM, 0.063W	
R1092 R1094 R1095 R1096 R1097 R1098 R1099 R1100 R1101 R1102 R1103 R1104 R1105	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J ERJ2GEJ470 EXB28V470J ERJ2GEJ470 EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY	
R1092 R1094 R1095 R1096 R1097 R1098 R1099 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J ERJ2GEJ470 EXB28V470J ERJ2GEJ470 EXB28V470J ERJ2GEJ470 EXB28V470J ERJ2GEJ470 EXB28V470J EXB28V470J EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY RESISTOR ARRAY	
R1092 R1094 R1095 R1096 R1097 R1098 R1009 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J ERJ2GEJ470 EXB28V470J ERJ2GEJ470 EXB28V470J ERJ2GEJ470 EXB28V470J ERJ2GEJ470 EXB28V470J ERJ2GEJ470	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY RESISTOR ARRAY	
R1092 R1094 R1095 R1096 R1097 R1098 R1009 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108 R1109	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXJ2GEJ470 EXB28V470J EXJ2GEJ470 EXB28V470J EXJ2GEJ470 EXB28V470J EXJ2GEJ470 EXB28V470J EXJ2GEJ470 EXB28V470J EXB28V470J EXJ2GEJ104	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 40 OHM, 0.063W RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY M 100K OHM, 0.063W M100K OHM, 0.063W	
R1092 R1094 R1095 R1096 R1097 R1098 R1009 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108 R1109 R1110	EXB28V470J ERJ3GEY0R00 EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 40 OHM, 0.063W RESISTOR ARRAY M 100K OHM, 0.063W M 10K OHM, 0.063W	
R1092 R1094 R1095 R1096 R1097 R1098 R1009 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108 R1109 R1110 R1111	EXB28V470J ERJ3GEY0R00 EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 40 OHM, 0.063W RESISTOR ARRAY M 100K OHM, 0.063W M 100K OHM, 0.063W M 10K OHM, 0.063W M 15K OHM, 0.063W	
R1092 R1094 R1095 R1096 R1097 R1098 R1009 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108 R1109 R1110 R1111 R1111	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB2GEJ104 EXJ2GEJ104	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 40 OHM, 0.063W RESISTOR ARRAY M 100K OHM, 0.063W M 10K OHM, 0.063W M 10K OHM, 0.063W M 1.5K OHM, 0.063W M 1.5K OHM, 0.063W	
R1092 R1094 R1095 R1096 R1097 R1098 R1009 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108 R1109 R1110 R1111 R1112 R1113	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXJ2GEJ470 EXB28V470J EXJ2GEJ470 EXB28V470J EXJ2GEJ104 ERJ2GEJ104 ERJ2GEJ103 ERJ2GEJ152 ERJ2GEJ104 ERJ2GEJ104 ERJ2GEJ104	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 40 OHM, 0.063W RESISTOR ARRAY M 100K OHM, 0.063W M 10K OHM, 0.063W M 10K OHM, 0.063W M 1.5K OHM, 0.063W	
R1092 R1094 R1095 R1096 R1097 R1098 R1009 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108 R1109 R1110 R1111 R1112 R11113 R1114	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB2B2V470J EXB2B2V470J EXB2B2V470J EXB2BV470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 100K OHM, 0.063W M 10K OHM, 0.063W	
R1092 R1094 R1095 R1096 R1097 R1098 R1009 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108 R1109 R1110 R1111 R1112 R1113	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXJ2GEJ470 EXB28V470J EXJ2GEJ470 EXB28V470J EXJ2GEJ104 ERJ2GEJ104 ERJ2GEJ103 ERJ2GEJ152 ERJ2GEJ104 ERJ2GEJ104 ERJ2GEJ104	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 10 OHM, 0.063W M 10 OHM, 0.063W M 10 OHM, 0.063W M 1.5K OHM, 0.063W	
R1092 R1094 R1095 R1096 R1097 R1098 R1009 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108 R1109 R1111 R1112 R1111 R1112 R1113 R1114 R1115 R1116	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB2GEJ104	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 100K OHM, 0.063W M 10K OHM, 0.063W	LB80UTU,
R1092 R1094 R1095 R1096 R1097 R1098 R1009 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108 R1109 R1110 R1111 R1112 R1111 R1112 R1113 R1114 R1115	EXB28V470J ERJ3GEY0R00 EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 100K OHM, 0.063W M 100K OHM, 0.063W M 10K OHM, 0.063W M 33K OHM, 0.063W M 33K OHM, 0.063W M 33K OHM, 1/16W M 33O OHM, J,1/16W M 33O OHM, J,1/16W	LB80NTU,
R1092 R1094 R1095 R1096 R1097 R1098 R1009 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108 R1109 R1111 R1112 R1112 R1113 R1114 R1115 R1116 R1115	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXJ2GEJ470 EXB28V470J EXJ2GEJ470 EXB28V470J EXJ2GEJ470 EXB28V470J EXJ2GEJ104 EXJ3GEY07222 EXJ3EKF4703	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 10K OHM, 0.063W M 10K OHM, 1.16W M 330 OHM, 1/16W M 330 OHM, J,1/16W M 470KOHM, 0.063W	LB80UTU,
R1092 R1094 R1095 R1096 R1097 R1098 R1099 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108 R1110 R1111 R1112 R1113 R1114 R1115 R1116 R1117 R1118	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J ERJ2GEJ470 EXB28V470J ERJ2GEJ470 EXB28V470J ERJ2GEJ470 EXB28V470J ERJ2GEJ104 ERJ2GEJ104 ERJ2GEJ103 ERJ2GEJ104 ERJ2GEJ105 ERJ2GEJ104 ERJ2GEJ104 ERJ2GEJ104 ERJ2GEJ104 ERJ2GEJ104 ERJ2GEJ105 ERJ2GEJ104 ERJ3GEY7000	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 40 OHM, 0.063W RESISTOR ARRAY M 100K OHM, 0.063W M 100K OHM, 0.063W M 10K OHM, 1.16W M 330 OHM, 1.116W M 330 OHM, J,1/16W M 470KOHM, 0.063W RESISTOR	LB80NTU, LB80NTU, LB80NTU, LB80NTU, LB80NTU, LB80NTU, LB80NTU,
R1092 R1094 R1095 R1096 R1097 R1098 R1009 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108 R1110 R1111 R1112 R1113 R1114 R1115 R1116 R1118 R1119 R11120 R11120	EXB28V470J ERJ3GEY0R00 EXB28V470J	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 47 OHM, 0.063W RESISTOR ARRAY M 47 OHM, 0.063W M 100K OHM, 0.063W M 100K OHM, 0.063W M 10K OHM, 0.063W	LB80U, LB75U LB80NTU, LB75NTU, LB80U, LB75U LB80NTU, LB75NTU, LB80TU, LB75NTU, LB80TU, LB75NTU, LB80TU, LB75NTU, LB80TU, LB75NTU,
R1092 R1094 R1095 R1096 R1097 R1098 R1009 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108 R1109 R1110 R1111 R1112 R1113 R1114 R1115 R1116 R1118	EXB28V470J ERJ3GEY0R00 EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXB28V470J EXJ2GEJ470 EXB28V470J EXJ2GEJ470 EXB28V470J EXJ2GEJ470 EXB28V470J EXJ2GEJ104 EXJ2GEJ105 EXJ2GEJ104 EXJ2GEJ333 EXJ3GEY0700 EXJ3GEY07331 EXJ3GEY0700 EXJ3GEY07331 EXJ3GEY07222 EXJ3EKF4703	RESISTOR ARRAY M 0 OHM, 1/16W RESISTOR ARRAY M 47 OHM, 0.063W M 10K OHM, 0.063W M 330 OHM, 1/16W M 330 OHM, 1/16W M 330 OHM, J,1/16W M 470KOHM, 0.063W RESISTOR M 470KOHM, 0.063W M 330 OHM, 0.063W	LB80U, LB75U LB80NTU, LB75NTU, LB80U, LB75U LB80NTU, LB75NTU, LB80NTU, LB75NTU, LB80NTU, LB75NTU, LB80NTU, LB75NTU,

Ref.	Part No.	Part Name &	Remarks
No.	TD T2 GTW T0 02	Description	
R1126	ERJ3GEYJ203	M 20KOHM, J, 1/16W	
R1127	ERJ6GEYG221 ERJ6GEYG221	M 220 OHM, J, 1/10W	
R1128	ERJ3GEYJ331	M 220 OHM, J, 1/10W	
R1129		M 330 OHM, J, 1/16W	
R1131	ERJ8ENF1500	M 150 OHM, F,1/8W	
R1133	ERJ8ENF1500	M 150 OHM, F,1/8W	
R1134	ERJ8ENF1500 ERJ2GEJ100	M 150 OHM, F,1/8W	
R1135		M 10 OHM, 0.063W	
R1136	ERJ8ENF75R0 ERJ3GEYJ472	M 75 OHM, F,1/8W	
R1137		M 4.7KOHM, J, 1/16W	
R1138	ERJ3GEYJ562 ERJ3GEYJ473	M 5.6KOHM, J, 1/16W	
R1139		M 47KOHM, J, 1/16W	
R1140	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R1141	ERJ8ENF1500	M 150 OHM, F,1/8W	
R1142	ERJ8ENF1500	M 150 OHM, F,1/8W	
R1143	ERJ8ENF1500	M 150 OHM, F,1/8W	
R1144	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R1145	ERJ8ENF75R0	M 75 OHM, F,1/8W	
R1146	ERJ3GEYJ104	M 100KOHM, J, 1/16W	
R1147	ERJ3GEYJ471	M 470 OHM, J, 1/16W	1
R1148	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R1149	ERJ3GEYJ330	M 33 OHM, J, 1/16W	-
R1150	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	-
R1151	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	
R1152	ERJ8ENF75R0	M 75 OHM, F,1/8W	-
R1153	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R1154	ERJ3GEYJ471	M 470 OHM, J, 1/16W	
R1155	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R1156	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R1157	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R1158	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	
R1159	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R1160	ERJ3GEYJ471	M 470 OHM, J, 1/16W	
R1161	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R1162	ERJ3GEYJ223	M 22KOHM,J,1/16W	
R1163	ERJ3GEYJ821	M 820 OHM, J, 1/16W	
R1164	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R1165	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R1166	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R1167	ERJ3GEYJ393	M 39KOHM,J,1/16W	
R1168	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R1169	ERJ3GEYJ393	M 39KOHM, J, 1/16W	T D C CATERIA
R1170	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU, LB75NTU, LB80U, LB75U
R1171	ERJ2GEJ101	м 100 ОНМ, 0.063W	LB80NTU, LB75NTU, LB80U, LB75U
R1172	ERJ3GEYJ471	M 470 OHM,J,1/16W	LB80NTU, LB75NTU,
פסונם	PD.T1 my T221**	M 220 OUM 117	LB80U, LB75U
R1173	ERJ1TYJ221U	M 220 OHM, 1W	1
R1174 R1175	ERJ3GEYJ103 ERJ3GEYJ473	M 10K OHM, J, 1/16W M 47KOHM, J, 1/16W	T.BSONTTI
VTT/3	ERUJGEIU4/3	M 4/KORM,U,1/10W	LB80NTU, LB75NTU, LB80U, LB75U
R1176	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	LB80NTU, LB75NTU, LB80U, LB75U
R1177	ERJ2GEJ102	M 1K OHM, 0.063W	
R1178	EXB28V220J	RESISTOR ARRAY	LB80NTU,
	31200		LB75NTU, LB80U, LB75U
R1179	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	LB80NTU, LB75NTU, LB80U, LB75U
R1180	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R1181	ERJ3GEYJ223	M 22KOHM,J,1/16W	
R1182	ERJ3GEYJ221	M 220 OHM,J,1/16W	LB80NTU, LB75NTU,
D1100	ED 12 CE 11 0 4	M100K OTTH 0 000T	LB80U, LB75U
R1183 R1184	ERJ2GEJ104 ERJ3GEYJ471	M100K OHM, 0.063W M 470 OHM, J, 1/16W	LB80NTU, LB75NTU,
	ERJ2GEJ152	M 1.5K OHM, 0.063W	LB80U, LB75U

Ref. No. Part No. Part Name & Description Remarks R1186 ERJ3GEYJ180 M 18 OHM, J, 1/16W M 18 OHM, J, 1/16W R1187 ERJ3GEYJ101 M 100 OHM, J, 1/16W M 18 OHM, J, 1/16W R1188 ERJ3GEYJ180 M 18 OHM, J, 1/16W M 18 OHM, J, 1/16W R1192 ERJ3GEYJ180 M 18 OHM, J, 1/16W M 19 OHM, J, 1/16W R1193 ERJ3GEYJ272 M 2.7KOHM, J, 1/16W M 19 OHM, J, 1/16W R1194 ERJ3GEYJ272 M 2.7KOHM, J, 1/16W M 18 OHM, J, 1/16W R1195 ERJ3GEYJ272 M 2.7KOHM, J, 1/16W M 18 OHM, J, 1/16W R1196 ERJ3GEYJ105 M 1M OHM, J, 1/16W M 18 OHM, J, 1/16W R1201 ERJ2GEJ220 M 22 OHM, 0.063W M 18 OHM, J, 1/16W R1202 ERJ2GEJ220 M 22 OHM, 0.063W M 18 OHM, J, 1/16W R1204 D0GB394JA057 RESISTOR LB8ONTU, LB75U LB8OUL, LB75U LB8OUL, LB75U LB8OUL, LB75U	
R1186 ERJ3GEYJ180 M 18 OHM, J, 1/16W R1187 ERJ3GEYJ101 M 100 OHM, J, 1/16W R1188 ERJ3GEYJ180 M 18 OHM, J, 1/16W R1189 ERJ2GEJ220 M 22 OHM, 0.063W R1192 ERJ3GEYJ180 M 18 OHM, J, 1/16W R1193 ERJ3GEYJ272 M 2.7KOHM, J, 1/16W R1194 ERJ2GEJ223 M 22KOHM, 0.063W R1195 ERJ3GEYJ272 M 2.7KOHM, J, 1/16W R1196 ERJ3GEYJ105 M 1M OHM, J, 1/16W LB80NTU, LB75NTU, LB80U, LB75U R1201 ERJ2GEJ220 M 22 OHM, 0.063W R1202 ERJ2GEJ471 M 470 OHM, 0.063W LB80NTU, LB75U R1204 D0GB394JA057 RESISTOR LB80NTU, LB75NTU, LB80UTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU,	
R1187 ERJ3GEYJ101 M 100 OHM,J,1/16W R1188 ERJ3GEYJ180 M 18 OHM,J,1/16W R1189 ERJ2GEJ220 M 22 OHM, 0.063W R1192 ERJ3GEYJ180 M 18 OHM,J,1/16W R1193 ERJ3GEYJ272 M 2.7KOHM,J,1/16W R1194 ERJ2GEJ223 M 22KOHM, 0.063W R1195 ERJ3GEYJ272 M 2.7KOHM,J,1/16W R1196 ERJ3GEYJ272 M 2.7KOHM,J,1/16W R1197 ERJ3GEYJ272 M 2.7KOHM,J,1/16W R1198 ERJ3GEYJ272 M 2.7KOHM,J,1/16W R1199 ERJ3GEYJ272 M 2.7KOHM,J,1/16W LB80NTU, LB75NTU, LB80U, LB75U R1201 ERJ2GEJ220 M 22 OHM, 0.063W R1202 ERJ2GEJ471 M 470 OHM, 0.063W LB80NTU, LB75NTU, LB80U, LB75U R1204 D0GB394JA057 RESISTOR LB80NTU, LB75NTU, LB75NTU, LB75NTU,	
R1188 ERJ3GEYJ180 M 18 OHM, J, 1/16W R1189 ERJ2GEJ220 M 22 OHM, 0.063W R1192 ERJ3GEYJ180 M 18 OHM, J, 1/16W R1193 ERJ3GEYJ272 M 2.7KOHM, J, 1/16W R1194 ERJ2GEJ223 M 22KOHM, 0.063W R1195 ERJ3GEYJ272 M 2.7KOHM, J, 1/16W R1196 ERJ3GEYJ272 M 2.7KOHM, J, 1/16W R1197 ERJ3GEYJ272 M 2.7KOHM, J, 1/16W LB80NTU, LB75NTU, LB80U, LB75U R1201 ERJ2GEJ220 M 22 OHM, 0.063W R1202 ERJ2GEJ471 M 470 OHM, 0.063W LB80NTU, LB75U LB80U, LB75U R1204 D0GB394JA057 RESISTOR LB80NTU, LB75NTU, LB80UTU, LB75NTU, LB80UTU, LB75NTU, LB80UTU, LB75NTU, LB80UTU, LB75NTU, LB80UTU, LB75NTU, LB80UTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU,	
R1189 ERJ2GEJ220 M 22 OHM, 0.063W R1192 ERJ3GEYJ180 M 18 OHM,J,1/16W R1193 ERJ3GEYJ272 M 2.7KOHM,J,1/16W R1194 ERJ2GEJ223 M 22KOHM, 0.063W R1195 ERJ3GEYJ272 M 2.7KOHM,J,1/16W R1196 ERJ3GEYJ272 M 2.7KOHM,J,1/16W LB80NTU, LB75NTU, LB80U, LB75U R1201 ERJ2GEJ220 M 22 OHM, 0.063W R1202 ERJ2GEJ471 M 470 OHM, 0.063W LB80NTU, LB75NTU, LB80U, LB75U R1204 D0GB394JA057 RESISTOR LB80NTU, LB75NTU, LB75NTU, LB80NTU, LB75NTU, LB80NTU, LB75NTU, LB75NTU, LB75NTU,	
R1192 ERJ3GEYJ180 M 18 OHM, J, 1/16W R1193 ERJ3GEYJ272 M 2.7KOHM, J, 1/16W R1194 ERJ2GEJ223 M 22KOHM, 0.063W R1195 ERJ3GEYJ272 M 2.7KOHM, J, 1/16W R1196 ERJ3GEYJ105 M 1M OHM, J, 1/16W LB80NTU, LB75NTU, LB80U, LB75U R1201 ERJ2GEJ220 M 22 OHM, 0.063W R1202 ERJ2GEJ471 M 470 OHM, 0.063W LB80NTU, LB75NTU, LB80U, LB75U R1204 D0GB394JA057 RESISTOR LB80NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU,	
R1193 ERJ3GEYJ272 M 2.7KOHM,J,1/16W R1194 ERJ2GEJ223 M 22KOHM, 0.063W R1195 ERJ3GEYJ272 M 2.7KOHM,J,1/16W R1196 ERJ3GEYJ105 M 1M OHM,J,1/16W LB80NTU, LB75NTU, LB80U, LB75U R1201 ERJ2GEJ220 M 22 OHM, 0.063W R1202 ERJ2GEJ471 M 470 OHM, 0.063W LB80NTU, LB75NTU, LB80U, LB75U R1204 D0GB394JA057 RESISTOR LB80NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU,	
R1194 ERJ2GEJ223 M 22KOHM, 0.063W R1195 ERJ3GEYJ272 M 2.7KOHM,J,1/16W R1196 ERJ3GEYJ105 M 1M OHM,J,1/16W LB80NTU, LB75NTU, LB80U, LB75U R1201 ERJ2GEJ220 M 22 OHM, 0.063W R1202 ERJ2GEJ471 M 470 OHM, 0.063W LB80NTU, LB75NTU, LB80U, LB75U R1204 D0GB394JA057 RESISTOR LB80NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU,	
R1195 ERJ3GEYJ272 M 2.7KOHM,J,1/16W R1196 ERJ3GEYJ105 M 1M OHM,J,1/16W LB80NTU, LB75NTU, LB80U, LB75U R1201 ERJ2GEJ220 M 22 OHM, 0.063W R1202 ERJ2GEJ471 M 470 OHM, 0.063W LB80NTU, LB75NTU, LB80U, LB75U R1204 D0GB394JA057 RESISTOR LB80NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU,	
R1196 ERJ3GEYJ105 M 1M OHM,J,1/16W LB80NTU, LB75NTU, LB80U, LB75U R1201 ERJ2GEJ220 M 22 OHM, 0.063W R1202 ERJ2GEJ471 M 470 OHM, 0.063W LB80NTU, LB75NTU, LB80U, LB75U R1204 D0GB394JA057 RESISTOR LB80NTU, LB75NTU, LB75NTU, LB75NTU,	
R1201 ERJ2GEJ220 M 22 OHM, 0.063W R1202 ERJ2GEJ471 M 470 OHM, 0.063W LB80NTU, LB75NTU, LB80U, LB75U R1204 D0GB394JA057 RESISTOR LB80NTU, LB75NTU, LB75NTU, LB75NTU, LB75NTU,	
LB80U, LB75U	
R1202 ERJ2GEJ471 M 470 OHM, 0.063W LB80NTU, LB75NTU, LB80U, LB75U R1204 D0GB394JA057 RESISTOR LB80NTU, LB75NTU, LB75NTU,	
LB75NTU, LB80U, LB75U R1204 D0GB394JA057 RESISTOR LB80NTU, LB75NTU,	
LB80U, LB75U R1204 D0GB394JA057 RESISTOR LB80NTU, LB75NTU,	
R1204 D0GB394JA057 RESISTOR LB80NTU, LB75NTU,	
LB75NTU,	
I I I I I I I I I I I I I I I I I I I	
22000, 22:00	
R1205 ERJ3GEYJ330 M 33 OHM,J,1/16W	
R1206 ERJ3GEYJ330 M 33 OHM,J,1/16W	
R1207 ERJ3GEYJ180 M 18 OHM, J, 1/16W	
R1208 ERJ3GEYJ330 M 33 OHM,J,1/16W	
R1209 ERJ3GEYJ102 M 1K OHM, J, 1/16W	
R1212 ERJ2GEJ103 M 10K OHM, 0.063W	
R1213 ERJ2GEJ220 M 22 OHM, 0.063W	
R1214 ERJ2GEJ220 M 22 OHM, 0.063W	
R1215 ERJ2GEJ220 M 22 OHM, 0.063W	
R1216 ERJ2GEJ220 M 22 OHM, 0.063W	
R1218 ERJ2GEJ152 M 1.5K OHM, 0.063W	
R1219 ERJ3GEYJ472 M 4.7KOHM,J,1/16W LB80NTU,	
LB75NTU,	
LB80U, LB75U	
R1220 ERJ2GEJ103 M 10K OHM, 0.063W	
R1221 ERJ3GEYJ180 M 18 OHM,J,1/16W	
R1222 ERJ3GEYJ180 M 18 OHM,J,1/16W	
R1223 ERJ3GEYJ562 M 5.6KOHM, J, 1/16W LB80NTU,	
LB75NTU,	
LB80U, LB75U	
R1224 ERJ2GEJ273 M 27K OHM, 0.063W	
R1226 ERJ2GEJ101 M 100 OHM, 0.063W LB80NTU, LB75NTU.	
LB80U, LB75U	
R1227 ERJ2GEJ104 M100K OHM, 0.063W	
R1228 ERJ2GEJ220 M 22 OHM, 0.063W	
R1229 ERJ2GEJ220 M 22 OHM, 0.063W	
R1230 ERJ2GEJ102 M 1K OHM, 0.063W	
R1231 ERJ3EKF1371 M 1.37KOHM, 0.063W	
R1232 ERJ2GEJ220 M 22 OHM, 0.063W	
R1233 ERJ3GEYJ221 M 220 OHM,J,1/16W LB80NTU,	
LB75NTU,	
LB80U, LB75U	
R1234 ERJ2GEJ152 M 1.5K OHM, 0.063W	
R1235 ERJ2GEJ102 M 1K OHM, 0.063W	
R1236 ERJ3GEYJ471 M 470 OHM,J,1/16W LB80NTU, LB75NTU,	
LB80U, LB75U	
R1237 ERJ2GEJ103 M 10K OHM, 0.063W	
R1238 ERJ3EKF1691 M1.69KOHM, 1/16W	
R1239 DOYAR0000007 RESISTOR	
R1240 ERJ2GEJ273 M 27K OHM, 0.063W	
R1241 ERJ3EKF1004 M1000KOHM, 0.063W	
R1242 ERJ2GEJ220 M 22 OHM, 0.063W	
R1243 ERJ2GEJ560 M 56 OHM, 0.063W	
R1244 ERJ2GEJ220 M 22 OHM, 0.063W	
R1246 ERJ2GEJ103 M 10K OHM, 0.063W	
R1247 ERJ3GEYJ471 M 470 OHM,J,1/16W LB80NTU,	
LB75NTU,	
LB80U, LB75U	
R1248 ERJ3GEY0R00 M 0 OHM, 1/16W	
R1248 ERJ3GEY0R00 M 0 OHM, 1/16W R1249 ERJ2GEJ101 M 100 OHM, 0.063W LB80NTU,	
R1248 ERJ3GEY0R00 M 0 OHM, 1/16W	
R1248 ERJ3GEY0R00 M 0 OHM, 1/16W R1249 ERJ2GEJ101 M 100 OHM, 0.063W LB80NTU, LB75NTU,	
R1248 ERJ3GEY0R00 M 0 OHM, 1/16W R1249 ERJ2GEJ101 M 100 OHM, 0.063W LB80NTU, LB75NTU, LB80U, LB75U R1250 ERJ2GEJ104 M100K OHM, 0.063W	
R1248 ERJ3GEY0R00 M 0 OHM, 1/16W R1249 ERJ2GEJ101 M 100 OHM, 0.063W LB80NTU, LB75NTU, LB80U, LB75U R1250 ERJ2GEJ104 M100K OHM, 0.063W	
R1248 ERJ3GEY0R00 M 0 OHM, 1/16W R1249 ERJ2GEJ101 M 100 OHM, 0.063W LB80NTU, LB75NTU, LB80U, LB75U R1250 ERJ2GEJ104 M100K OHM, 0.063W R1251 ERJ2GEJ220 M 22 OHM, 0.063W	

Ref.	Dart No	Part Namo S	Domarka
No.	Part No.	Part Name & Description	Remarks
R1254	ED TO CEV TO 2 2	_	
	ERJ3GEYJ333	M 33KOHM, J, 1/16W	
R1255	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R1256	ERJ3GEYJ333	M 33KOHM,J,1/16W	
R1257	ERJ3GEYJ333	M 33KOHM,J,1/16W	
R1258	ERJ2GEJ333	м 33к ОНМ, 0.063W	
R1259	ERJ2GEJ330	M 33 OHM, 0.063W	
R1260	EXB28V560J	RESISTOR ARRAY	
R1261	EXB2HV560JV	RESISTOR ARRAY	
R1262	ERJ2GEJ103	M 10K OHM, 0.063W	T DO ONTOTT
RIZUZ	ERUZGEU103	H TOR OHN, U.003W	LB80NTU, LB75NTU, LB80U, LB75U
R1263	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU, LB75NTU,
			LB80U, LB75U
R1264	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R1265	ERJ2GE0R00	м 0 ОНМ, 0.063W	LB80NTE/EA, LB75NTE/EA, LB80E/EA, LB75E/EA
R1267	ERJ3GEYJ330	M 33 OHM,J,1/16W	DD / SE / EA
R1268	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU, LB75NTU, LB80U, LB75U
R1270	EXB2HV560JV	RESISTOR ARRAY	
R1271	EXB28V560J	RESISTOR ARRAY	
R1272	ERJ2GEJ220	M 22 OHM, 0.063W	
R1272	ERJ2GEJ472	M4.7K OHM, 0.063W	
R1274	ERJ2GEJ472	M4.7K OHM, 0.063W	
R1276	ERJ2GEJ102	M 1K OHM, 0.063W	
R1277	ERJ2GEJ473	M 47K OHM, 0.063W	
R1279	ERJ3GEYJ105	M 1M OHM,J,1/16W	
R1280	ERJ3GEYJ561	M 560 OHM, J, 1/16W	
R1281	ERJ1TYJ221U	M 220 OHM, 1W	
R1282	ERJ3GEYJ101	M 100 OHM,J,1/16W	
	+	·	
R1283	ERJ2GEJ472	M4.7K OHM, 0.063W	
R1284	ERJ2GEJ472	M4.7K OHM, 0.063W	
R1285	ERJ2GEJ103	M 10K OHM, 0.063W	
R1286	ERJ2GEJ103	M 10K OHM, 0.063W	
R1287	ERJ2GEJ103	M 10K OHM, 0.063W	
R1288	ERJ2GEJ472	M4.7K OHM, 0.063W	
R1291	ERJ2GEJ103	M 10K OHM, 0.063W	
R1292	ERJ2GEJ101	M 100 OHM, 0.063W	
R1293	ERJ2GEJ103	M 10K OHM, 0.063W	
R1294	ERJ2GEJ562	M5.6K OHM, 0.063W	
R1295	ERJ1TYJ221U	M 220 OHM, 1W	
		-	
R1296	ERJ6GEYJ100	M 10 OHM, J, 1/10W	
R1297	ERJ6GEYJ560	M 56 OHM, J, 1/10W	
R1298	ERJ6ENF6801	M 6.8KOHM, 1/10W	
R1299	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R1300	ERJ2GEJ562	M5.6K OHM, 0.063W	
R1301	ERJ2GEJ104	M100K OHM, 0.063W	
R1302	ERJ2GEJ104	M100K OHM, 0.063W	
R1303	ERJ3GEYJ470	M 47 OHM, J, 1/16W	
R1304	ERJ2GEJ560		
	+	M 56 OHM, 0.063W	
R1306	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	
R1307	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	
R1308	ERJ3GEYJ274	M270KOHM, J, 1/16W	
R1309	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R1310	ERJ6GEYG221	M 220 OHM,J,1/10W	
R1311	ERJ6GEYG221	M 220 OHM,J,1/10W	
R1312	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R1313	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R1314	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R1315	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R1316	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R1317	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	
R1318	ERJ2GEJ681	M 680 OHM, 0.063W	
R1319	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R1320	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R1321	ERJ3GEYJ473	M 47KOHM, J, 1/16W	
R1322	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R1323	ERJ2GEJ330	M 33 OHM, 0.063W	
R1325	ERJ2GEJ103	M 10K OHM, 0.063W	
R1326	EXB2HV103JV	RESISTOR ARRAY	
R1327	EXB2HV103JV	RESISTOR ARRAY	

Ref.	Part No.	Part Name &	Remarks
No.		Description	
R1328	ERJ2GEJ103	M 10K OHM, 0.063W	
R1329	ERJ2GEJ102	M 1K OHM, 0.063W	
R1330	ERJ3GEYJ180	M 18 OHM, J, 1/16W	
R1331	ERJ3GEYJ180	M 18 OHM, J, 1/16W	
R1332	ERJ3GEYJ180	M 18 OHM, J, 1/16W	
R1333	ERJ2GEJ220	M 22 OHM, 0.063W	
R1334	ERJ2GEJ681	M 680 OHM, 0.063W	T D C CAMMIT
R1336	ERJ3EKF4701	M 4.7KOHM, 0.063W	LB80NTU, LB75NTU,
R1338	D0YAR0000007	RESISTOR	LB80U, LB75U
R1339	D0YAR0000007	RESISTOR	
R1340	EXB2HV560JV	RESISTOR ARRAY	
R1341	EXB2HV560JV	RESISTOR ARRAY	
R1342	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R1343	ERJ3GEYJ680	M 68 OHM,J,1/16W	
R1344	EXB2HV560JV	RESISTOR ARRAY	
R1345	ERJ3GEYJ680	M 68 OHM,J,1/16W	
R1346	ERJ2GEJ101	M 100 OHM, 0.063W	
R1347	ERJ3GEYJ680	M 68 OHM,J,1/16W	
R1348	ERJ2GEJ220	M 22 OHM, 0.063W	
R1349	EXB28V103J	RESISTOR ARRAY	
R1351	ERJ2GEJ223	M 22KOHM, 0.063W	
R1352	ERJ2GEJ333	M 33K OHM, 0.063W	
R1353	ERJ2GEJ102	M 1K OHM, 0.063W	
R1354	ERJ3GEYJ330	M 33 OHM,J,1/16W	LB80NTU, LB75NTU, LB80U, LB75U
R1355	ERJ2GEJ473	M 47K OHM, 0.063W	
R1356	ERJ2GEJ103	M 10K OHM, 0.063W	
R1357	ERJ2GEJ103	M 10K OHM, 0.063W	
R1358	ERJ2GEJ101	M 100 OHM, 0.063W	
R1359	ERJ2GEJ333	M 33K OHM, 0.063W	
R1360	ERJ2GEJ103	M 10K OHM, 0.063W	
R1361	ERJ2GEJ562	M5.6K OHM, 0.063W	
R1362	ERJ6GEYJ100	M 10 OHM,J,1/10W	
R1363	ERJ2GEJ102	M 1K OHM, 0.063W	
R1364	ERJ6ENF6801	M 6.8KOHM, 1/10W	
R1370	ERJ2GEJ223	M 22KOHM, 0.063W	
R1372	D0YAR0000007	RESISTOR	
R1374 R1375	D0YAR0000007	RESISTOR RESISTOR	
R1377	D0YAR0000007	RESISTOR	
R1379	ERJ1TYJ221U	M 220 OHM, 1W	
R1380	ERJ3EKF5601	м 5.6КОНМ, 0.063W	LB80NTU, LB75NTU, LB80U, LB75U
R1381	ERJ3GEYJ152	м 1.5конм, J, 1/16W	LB80NTU, LB75NTU, LB80U, LB75U
R1382	EXB2HV680JV	RESISTOR ARRAY	
R1383	EXB2HV680JV	RESISTOR ARRAY	
R1384	EXB28V680J	RESISTOR ARRAY	
R1385	EXB2HV680JV	RESISTOR ARRAY	
R1386	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R1387	EXB28V680J	RESISTOR ARRAY	
R1388	EXB2HV560JV	RESISTOR ARRAY	
R1389	EXB2HV560JV	RESISTOR ARRAY	
R1390	EXB2HV680JV	RESISTOR ARRAY	
R1391	EXB2HV560JV	RESISTOR ARRAY	
R1392	ERJ2GEJ680	M 68 OHM, 0.063W	
R1393	EXB28V680J	RESISTOR ARRAY	
R1394	EXB2HV680JV	RESISTOR ARRAY	
R1395	D0YAR0000007	RESISTOR	
R1396	D0YAR0000007	RESISTOR	
R1398 R1401	D0YAR0000007 ERJ3GEYJ122	M 1.2KOHM,J,1/16W	LB80NTU,
R1402	ERJ2GEJ180	M 18 OHM, 0.063W	LB80U, LB75U LB80NTU, LB75NTU, LB80U, LB75U

Ref.	Part No.	Part Name &	Remarks
No. R1404	ERJ3GEYJ103	Description M 10K OHM,J,1/16W	LB80NTU,
KIIOI	EROSGETOTOS	10K 0MM,0,1/10W	LB75NTU, LB80U, LB75U
R1405	ERJ2GEJ101	M 100 OHM, 0.063W	LB80NTU, LB75NTU, LB80U, LB75U
R1406	ERJ3GEYJ471	M 470 OHM,J,1/16W	LB80NTU, LB75NTU, LB80U, LB75U
R1407	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R1408	ERJ2GEJ472	M4.7K OHM, 0.063W	
R1409	ERJ2GEJ472	M4.7K OHM, 0.063W	
R1410	D0YAR0000007	RESISTOR	
R1411	ERJ2GEJ472	M4.7K OHM, 0.063W	
R1412	ERJ2GE0R00	M 0 OHM, 0.063W	LB80NTU, LB75NTU, LB80U, LB75U
R1413	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R1414	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R1416	ERJ2GEJ391	M 390 OHM, 0.063W	
R1417	ERJ2GEJ272	M2.7K OHM, 0.063W	
R1418	ERJ2GEJ104	M100K OHM, 0.063W	
R1419	ERJ3GEYJ563	M 56KOHM,J,1/16W	
R1420	D0GB154JA057	RESISTOR	1
R1421	ERJ2GEJ220	M 22 OHM, 0.063W	1
R1422	ERJ2GEJ220	M 22 OHM, 0.063W	
R1423	ERJ3GEYJ333	M 33KOHM,J,1/16W	
R1424 R1426	ERJ3GEYJ183 ERJ3GEYJ103	M 18KOHM,J,1/16W M 10K OHM,J,1/16W	+
R1428	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R1428	ERJ3GEYJ183	M 18KOHM,J,1/16W	
R1430	ERJ3GEYJ333	M 33KOHM, J, 1/16W	
R1431	ERJ3GEYJ563	M 56KOHM, J, 1/16W	
R1432	D0GB154JA057	RESISTOR	
R1433	D0YAR0000007	RESISTOR	
R1434	D0YAR0000007	RESISTOR	
R1437	D0YAR0000007	RESISTOR	
R1438	ERJ2GEJ101	M 100 OHM, 0.063W	
R1439	ERJ2GEJ122	M 1.2K OHM, 0.063W	
R1440	ERJ2GEJ330	M 33 OHM, 0.063W	
R1441	D0YAR0000007	RESISTOR	
R1442	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R1443	ERJ2GEJ473	M 47K OHM, 0.063W	
R1444 R1445	ERJ2GEJ473	M 47K OHM, 0.063W	
R1445	ERJ3GEYJ124 ERJ3GEYJ124	M 120KOHM, J, 1/16W M 120KOHM, J, 1/16W	
R1447	D0GB154JA057	RESISTOR	
R1448	D0GB154JA057	RESISTOR	
R1449	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R1450	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R1451	D0YAR0000007	RESISTOR	
R1452	D0YAR0000007	RESISTOR	
R1453	ERJ3EKF1002	M 10KOHM, 1/16W	LB80NTU, LB75NTU, LB80U, LB75U
R1454	ERJ2GEJ220	M 22 OHM, 0.063W	LB80NTU, LB75NTU, LB80U, LB75U
R1455	ERJ2GEJ102	M 1K OHM, 0.063W	
R1456	ERJ3GEYJ470	M 47 OHM,J,1/16W	
R1457	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R1458	ERJ2GEJ100	M 10 OHM, 0.063W	
R1459	ERJ2GEJ121	M 120 OHM, 0.063W	1
R1460	ERJ2GEJ100	M 10 OHM, 0.063W	1
R1461	ERJ2GEJ121	M 120 OHM, 0.063W	1
R1462	ERJ2GEJ101 ERJ3GEY0R00	M 100 OHM, 0.063W M 0 OHM, J, 1/16W	LB80U/E/EA, LB75U/E/EA
R1467		1	· · · · · · · · · · · · · · · · · · ·
	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R1467 R1474 R1475	ERJ3GEYJ103 ERJ8ENF1500	M 10K OHM, J, 1/16W M 150 OHM, F, 1/8W	
R1474			
R1474 R1475	ERJ8ENF1500	M 150 OHM, F,1/8W	
R1474 R1475 R1476	ERJ8ENF1500 ERJ8ENF1500	M 150 OHM, F,1/8W M 150 OHM, F,1/8W	
R1474 R1475 R1476 R1477 R1478 R1479	ERJ8ENF1500 ERJ8ENF1500 ERJ8ENF1500	M 150 OHM, F,1/8W M 150 OHM, F,1/8W M 150 OHM, F,1/8W M 150 OHM, F,1/8W M 150 OHM, F,1/8W	
R1474 R1475 R1476 R1477 R1478	ERJ8ENF1500 ERJ8ENF1500 ERJ8ENF1500 ERJ8ENF1500	M 150 OHM, F,1/8W M 150 OHM, F,1/8W M 150 OHM, F,1/8W M 150 OHM, F,1/8W	

Ref.			
1	Part No.	Part Name &	Remarks
No. R1482	ERJ6GEYG221	Description M 220 OHM,J,1/10W	
R1483	ERJ6GEYG221	M 220 OHM,J,1/10W	
R1484	ERJ6GEYG221	M 220 OHM,J,1/10W	
R1485	ERJ3EKF2200	M 220 OHM, 1/16W	
R1486	ERJ3EKF8200	M 820 OHM, 0.063W	
R1487	D1BZ2700A012	RESISTOR	
R1488	ERJ3EKF8201	M 8.2KOHM, 0.063W	
R1489 R1490	ERJ3EKF8201 ERJ3EKF2701	M 8.2KOHM, 0.063W	
R1491	ERJ3EKF2701	M 2.7KOHM, 1/16W M 2.7KOHM, 1/16W	
R1492	ERJ3EKF4703	M 470KOHM, 0.063W	
R1493	ERJ3EKF5102	M 5.1KOHM, 0.063W	
R1494	ERJ2GEJ473	M 47K OHM, 0.063W	
R1495	ERJ2GEJ223	M 22KOHM, 0.063W	
R1498	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R1499	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R1500 R1501	ERJ3GEYJ153 ERJ3GEYJ153	M 15KOHM,J,1/16W M 15KOHM,J,1/16W	
R1502	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R1503	ERJ3GEYJ560	M 56 OHM,J,1/16W	
R1504	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R1505	ERJ3GEYJ124	M 120KOHM,J,1/16W	
R1506	D0GB154JA057	RESISTOR	
R1507	ERJ2GEJ473	M 47K OHM, 0.063W	
R1508 R1509	ERJ3GEYJ102 ERJ3GEYJ124	M 1K OHM, J, 1/16W M 120KOHM, J, 1/16W	
R1510	DOGB154JA057	RESISTOR	
R1511	ERJ2GEJ473	M 47K OHM, 0.063W	
R1513	ERJ2GEJ473	M 47K OHM, 0.063W	
R1600	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	
R1601	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	
R1602	ERJ3GEYJ560	M 56 OHM,J,1/16W	
R1603	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R1604 R1605	ERJ3GEYJ682 ERJ3GEYJ682	M 6.8KOHM,J,1/16W M 6.8KOHM,J,1/16W	
R1606	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R1607	ERJ3GEYJ331	M 330 OHM,J,1/16W	
R1608	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	
R1609	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	
R1610	ERJ3GEYJ560	M 56 OHM,J,1/16W	
	ERJ3GEYJ331	M 330 OHM,J,1/16W	
R1611	ED T3 CEV T1 01	36 100 OTTM T 1/1CT	T DOONTETT / E / E A
R1801	ERJ3GEYJ101	M 100 OHM,J,1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1801 R1802	EXB28V220J	RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
R1801 R1802 R1803	EXB28V220J EXB28V560J	RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA,
R1801 R1802 R1803 R1804	EXB28V220J EXB28V560J EXB28V560J	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA,
R1801 R1802 R1803 R1804 R1805	EXB28V220J EXB28V560J EXB28V560J	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA, LB75NTU/E/EA
R1801 R1802 R1803 R1804 R1805	EXB28V220J EXB28V560J EXB28V560J EXB28V560J	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA
R1801 R1802 R1803 R1804 R1805	EXB28V220J EXB28V560J EXB28V560J	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
R1801 R1802 R1803 R1804 R1805	EXB28V220J EXB28V560J EXB28V560J EXB28V560J	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
R1801 R1802 R1803 R1804 R1805 R1806	EXB28V220J EXB28V560J EXB28V560J EXB28V560J EXB28V560J	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
R1801 R1802 R1803 R1804 R1805 R1806 R1807	EXB28V220J EXB28V560J EXB28V560J EXB28V560J EXB28V560J EXB28V560J	RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
R1801 R1802 R1803 R1804 R1805 R1806 R1807 R1808 R1809	EXB28V220J EXB28V560J EXB28V560J EXB28V560J EXB28V560J EXB28V560J EXB28V560J	RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
R1801 R1802 R1803 R1804 R1805 R1806 R1807 R1808 R1809	EXB28V220J EXB28V560J EXB28V560J EXB28V560J EXB28V560J EXB28V560J EXB28V560J	RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA
R1801 R1802 R1803 R1804 R1805 R1806 R1807 R1808 R1809 R1810	EXB28V220J EXB28V560J EXB28V560J EXB28V560J EXB28V560J EXB28V560J EXB28V560J EXB28V560J EXB28V560J	RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB75NTU/E/EA LB75NTU/E/EA LB75NTU/E/EA LB75NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA
R1801 R1802 R1803 R1804 R1805 R1806 R1807 R1808 R1809 R1810 R1811 R1812	EXB28V220J EXB28V560J EXB28V560J EXB28V560J EXB28V560J EXB28V560J EXB28V560J EXB28V560J EXB28V560J EXB28V560J	RESISTOR ARRAY M 10K OHM, 0.063W M 10K OHM, 0.063W	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA
R1801 R1802 R1803 R1804 R1805 R1806 R1807 R1808 R1809 R1810 R1811 R1812 R1813	EXB28V220J EXB28V560J	RESISTOR ARRAY M 10K OHM, 0.063W M 10K OHM, 0.063W	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA
R1801 R1802 R1803 R1804 R1805 R1806 R1807 R1808 R1809 R1810 R1811 R1812 R1813 R1814	EXB28V220J EXB28V560J EXB28V560J	RESISTOR ARRAY M 10K OHM, 0.063W M 10K OHM, 0.063W M 10K OHM, 0.063W M 10K OHM, 0.063W	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB75NTU/E/EA LB75NTU/E/EA LB75NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA
R1801 R1802 R1803 R1804 R1805 R1806 R1807 R1808 R1809 R1810 R1811 R1812 R1813 R1814 R1815	EXB28V220J EXB28V560J ERJ2GEJ103 ERJ2GEJ103 ERJ2GEJ103 ERJ2GEJ103	RESISTOR ARRAY M 10K OHM, 0.063W M 10K OHM, 0.063W	LB75NTU/E/EA LB80NTU/E/EA, LB75NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB75NTU/E/EA LB75NTU/E/EA LB75NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB75NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA LB80NTU/E/EA

Ref.	Part No.	Part Name &	Remarks
No. R1819	ERJ3GEYJ680	Description M 68 OHM,J,1/16W	LB80NTU/E/EA,
R1820	ERJ3GEYJ680	M 68 OHM,J,1/16W	LB75NTU/E/EA LB80NTU/E/EA,
R1821	ERJ3GEYJ680	M 68 OHM,J,1/16W	LB75NTU/E/EA LB80NTU/E/EA,
			LB75NTU/E/EA
R1822	ERJ3GEYJ680	M 68 OHM,J,1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1824	D0YAR0000007	RESISTOR	LB80NTU/E/EA, LB75NTU/E/EA
R1825	ERJ3GEYJ680	M 68 OHM,J,1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1826	ERJ3GEYJ680	M 68 OHM,J,1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1827	ERJ3GEYJ101	M 100 OHM,J,1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1828	ERJ3GEYJ101	M 100 OHM,J,1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1829	F1H1H2200008	CAPACITOR	LB80NTU/E/EA,
R1830	ERJ3GEYJ220	M 22 OHM,J,1/16W	LB75NTU/E/EA LB80NTU/E/EA,
R1831	ERJ3GEYJ220	M 22 OHM,J,1/16W	LB75NTU/E/EA LB80NTU/E/EA,
R1833	ERJ3GEYJ220	M 22 OHM,J,1/16W	LB75NTU/E/EA LB80NTU/E/EA,
D1026	ED TOGEVICOO		LB75NTU/E/EA
R1836	ERJ3GEYJ680	M 68 OHM,J,1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1837	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU/E/EA, LB75NTU/E/EA
R1838	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU/E/EA, LB75NTU/E/EA
R1839	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU/E/EA, LB75NTU/E/EA
R1840	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU/E/EA, LB75NTU/E/EA
R1841	EXB2HV100JV	RESISTOR ARRAY	LB80NTU/E/EA,
R1842	EXB2HV100JV	RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA,
R1843	EXB2HV100JV	RESISTOR ARRAY	LB80NTU/E/EA,
R1844	EXB2HV100JV	RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA,
R1845	ERJ2GEJ103	M 10K OHM, 0.063W	LB75NTU/E/EA LB80NTU/E/EA,
R1846	ERJ2GEJ103	M 10K OHM, 0.063W	LB75NTU/E/EA LB80NTU/E/EA,
R1847	ERJ2GEJ103	M 10K OHM, 0.063W	LB75NTU/E/EA LB80NTU/E/EA,
			LB75NTU/E/EA
R1848	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU/E/EA, LB75NTU/E/EA
R1849	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU/E/EA, LB75NTU/E/EA
R1850	ERJ3GEYJ102	M 1K OHM,J,1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1851	D0YAR0000007	RESISTOR	LB80NTU/E/EA, LB75NTU/E/EA
R1852	D0YAR0000007	RESISTOR	LB80NTU/E/EA, LB75NTU/E/EA
R1853	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU/E/EA,
R1854	ERJ2GEJ103	M 10K OHM, 0.063W	LB75NTU/E/EA LB80NTU/E/EA,
R1855	ERJ2GEJ103	M 10K OHM, 0.063W	LB75NTU/E/EA LB80NTU/E/EA,
R1856	EXB28V100J	RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA,
R1858	ERJ2GEJ103	M 10K OHM, 0.063W	LB75NTU/E/EA LB80NTU/E/EA,
R1859	ERJ3GEYJ102	M 1K OHM, J, 1/16W	LB75NTU/E/EA LB80NTU/E/EA,
			LB75NTU/E/EA
R1861	J0JBC0000098	FILTER	LB80NTU/E/EA, LB75NTU/E/EA
R1864	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU/E/EA, LB75NTU/E/EA
R1865	D0YAR0000007	RESISTOR	LB80NTU/E/EA, LB75NTU/E/EA
R1866	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU/E/EA, LB75NTU/E/EA

Ref.	Part No.	Part Name & Description	Remarks
R1867	EXB2HV220JV	RESISTOR ARRAY	LB80NTU/E/EA,
R1868	EXB2HV220JV	RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA,
R1870	ERJ3GEYJ102	M 1K OHM, J, 1/16W	LB75NTU/E/EA LB80NTU/E/EA,
R1876	ERJ2GEJ103	M 10K OHM, 0.063W	LB75NTU/E/EA LB80NTU/E/EA,
R1877	D0YAR0000007	RESISTOR	LB75NTU/E/EA LB80NTU/E/EA,
R1878	D0YAR0000007	RESISTOR	LB75NTU/E/EA LB80NTU/E/EA,
			LB75NTU/E/EA
R1879	ERJ2GEJ220	M 22 OHM, 0.063W	LB80NTU/E/EA, LB75NTU/E/EA
R1880	ERJ2GEJ220	M 22 OHM, 0.063W	LB80NTU/E/EA, LB75NTU/E/EA
R1882	D0YAR0000007	RESISTOR	LB80NTU/E/EA, LB75NTU/E/EA
R1883	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU/E/EA, LB75NTU/E/EA
R1884	D0YAR0000007	RESISTOR	LB80NTU/E/EA, LB75NTU/E/EA
R1885	ERJ3GEYJ221	M 220 OHM,J,1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1888	ERJ1TYJ1R0U	M 1.0 OHM, 1W	LB80NTU/E/EA,
R1889	ERJ3EKF2740	M 274 OHM, 1/16W	LB75NTU/E/EA LB80NTU/E/EA,
R1890	ERJ3EKF1001	M 1K OHM, 1/16W	LB75NTU/E/EA LB80NTU/E/EA,
			LB75NTU/E/EA
R1891	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU/E/EA, LB75NTU/E/EA
R1892	EXB28V220J	RESISTOR ARRAY	LB80NTU/E/EA, LB75NTU/E/EA
R1893	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU/E/EA, LB75NTU/E/EA
R1894	D0YAR0000007	RESISTOR	LB80NTU/E/EA, LB75NTU/E/EA
R1895	EXB28V103J	RESISTOR ARRAY	LB80NTU/E/EA, LB75NTU/E/EA
R1896	ERJ2GEJ103	M 10K OHM, 0.063W	LB80NTU/E/EA,
R1897	D0YAR0000007	RESISTOR	LB75NTU/E/EA LB80NTU/E/EA,
R1898	EXB2HV220JV	RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA,
R1899	EXB28V104J	RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA,
R1900	EXB28V472J	RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA,
R1902	EXB28V220J	RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA.
			LB75NTU/E/EA
R1903	EXB28V103J	RESISTOR ARRAY	LB80NTU/E/EA, LB75NTU/E/EA
R1904	EXB28V103J	RESISTOR ARRAY	LB80NTU/E/EA, LB75NTU/E/EA
R1908	ERJ2GEJ680	M 68 OHM, 0.063W	LB80NTU/E/EA, LB75NTU/E/EA
R1909	ERJ3GEYJ220	M 22 OHM,J,1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1910	ERJ3GEYJ473	M 47KOHM,J,1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1911	ERJ3GEYJ220	M 22 OHM,J,1/16W	LB80NTU/E/EA,
R1912	ERJ3GEYJ473	M 47KOHM,J,1/16W	LB75NTU/E/EA LB80NTU/E/EA,
R1913	ERJ3GEYJ220	M 22 OHM,J,1/16W	LB75NTU/E/EA LB80NTU/E/EA,
R1914	ERJ3GEYJ220	M 22 OHM,J,1/16W	LB75NTU/E/EA LB80NTU/E/EA,
R1915	EXB28V220J	RESISTOR ARRAY	LB75NTU/E/EA LB80NTU/E/EA,
			LB75NTU/E/EA
R1916	EXB28V220J	RESISTOR ARRAY	LB80NTU/E/EA, LB75NTU/E/EA
R1917	ERJ3GEYJ102	M 1K OHM,J,1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1924	ERJ3GEYJ102	M 1K OHM,J,1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1925	ERJ3GEY0R00	M 0 OHM, 1/16W	LB80NTU/E/EA, LB75NTU/E/EA

Ref. No.	Part No.	Part Name & Description	Remarks
R1927	ERJ3GEY0R00	M 0 OHM, 1/16W	LB80NTU/E/EA,
R1928	ERJ3GEY0R00	M 0 OHM, 1/16W	LB75NTU/E/EA LB80NTU/E/EA,
R1929	ERJ3GEY0R00	M 0 OHM, 1/16W	LB75NTU/E/EA LB80NTU/E/EA,
			LB75NTU/E/EA
R1930	ERJ3GEY0R00	M 0 OHM, 1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1931	ERJ3GEY0R00	M 0 OHM, 1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1933	ERJ3GEY0R00	M 0 OHM, 1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1934	ERJ3GEY0R00	M 0 OHM, 1/16W	LB80NTU/E/EA,
R1935	ERJ3GEY0R00	M 0 OHM, 1/16W	LB75NTU/E/EA LB80NTU/E/EA,
R1936	ERJ3GEY0R00	M 0 OHM, 1/16W	LB75NTU/E/EA LB80NTU/E/EA,
		·	LB75NTU/E/EA
R1937	ERJ3GEYJ560	M 56 OHM,J,1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R1938	ERJ3GEY0R00	M 0 OHM, 1/16W	LB80NTU/E/EA, LB75NTU/E/EA
R5001	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R5002	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R5003	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R5004	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R9101	ERDS1TJ474	C 4.7KOHM, J,1/2W	\triangle
R9601	ERX2SJR47E	M 0.470HM,J, 2W (B-PCB)	
R9630	ERJ14YJ3R3U	M 3.3 OHM,J, 1/4W (B-PCB)	
R9631	ERJ8GEYJ220	M 22 OHM, J,1/4W (B-PCB)	
R9632	ERJ14YJ5R6U	M 5.6 OHM,J, 1/4W (B-PCB)	
R9633	ERJ8GEYJ100	M 10 OHM, J,1/4W (B-PCB)	
R9634	ERJ8GEYJ120	M 12 OHM, J,1/4W (B-PCB)	
R9636	ERJ14YJ3R3U	M 3.3 OHM,J, 1/4W (B-PCB)	
R9638	ERJ14YJ5R6U	M 5.6 OHM,J, 1/4W (B-PCB)	
R9639	ERJ8GEYJ100	M 10 OHM, J,1/4W (B-PCB)	
R9640	ERJ8GEYJ120	M 12 OHM, J,1/4W (B-PCB)	
R9653	D0XGR22J0004	RESISTOR (B-PCB)	
		[CAPACITORS]	
<u> </u>			
C1001	F1H1E105A126	CAPACITOR	
C1002	F1H1E104A029	CAPACITOR	
C1003	F1H1E104A029	CAPACITOR	
C1004	F1H1E104A029	CAPACITOR	
C1005	F1H1E104A029	CAPACITOR	
C1006	F1H1E104A029	CAPACITOR	
C1007	F1H1E104A029	CAPACITOR CAPACITOR	
C1008	F1H1E105A126 F1H1E104A029	CAPACITOR	
C1009	F1H1E104A029	CAPACITOR	
C1010	F1H1E104A029	CAPACITOR	
C1011	F1H1E104A029	CAPACITOR	
C1012	F1H1E104A029	CAPACITOR	
C1013	F1H1E104A029	CAPACITOR	
C1015	F1H1E105A126	CAPACITOR	
C1016	F1G1C104A077	CAPACITOR	
C1017	EEEFK1E101P	CAPACITOR	
C1018	F1G1H1020008	CAPACITOR	
C1019	F1G1C104A077	CAPACITOR	
C1020	F1G1C104A077	CAPACITOR	
C1021	F1G1C104A077	CAPACITOR	
C1022	F1G1C104A077	CAPACITOR	
C1023	F1G1C104A077	CAPACITOR	
C1024	F1G1C104A077	CAPACITOR	
C1025	F1H1E104A029	CAPACITOR	
C1026	F1H1E104A029	CAPACITOR	

Ref.	Part No.	Part Name & Description	Remarks
C1027	F1H1E104A029	CAPACITOR	
C1028	F1H1E104A029	CAPACITOR	
C1029	F1H1E104A029	CAPACITOR	
C1030	F1H1E104A029	CAPACITOR	
C1031	F1H1E104A029	CAPACITOR	
C1032	F1G1C104A077	CAPACITOR	
C1033	F1H1E104A029	CAPACITOR	
C1034	F1G1C104A077	CAPACITOR	
C1035	F1H1E104A029	CAPACITOR	
C1036	F1G1H1020008	CAPACITOR	
C1037	F1G1C104A077	CAPACITOR	
C1038	F1G1H1020008 F1G1H1020008	CAPACITOR CAPACITOR	
C1040	F1G1C104A077	CAPACITOR	
C1041	F1G1C104A077	CAPACITOR	
C1042	F1G1C104A077	CAPACITOR	
C1043	F1H1E104A029	CAPACITOR	
C1044	F1H1E104A029	CAPACITOR	
C1045	F1H1E104A029	CAPACITOR	
C1046	F1J0J106A013	CAPACITOR	
C1047	F2G1E3300010	CAPACITOR	
C1048	F2G1E3300010	CAPACITOR	
C1049	F2G1E3300010	CAPACITOR	
C1050	F1H1E104A029	CAPACITOR	
C1051	F1G1C104A077	CAPACITOR	
C1052 C1053	F1H1E104A029 F1G1C104A077	CAPACITOR CAPACITOR	
C1053	F1H1E104A029	CAPACITOR	
C1055	F1G1C104A077	CAPACITOR	
C1056	F2G1E3300010	CAPACITOR	
C1057	F2G1E3300010	CAPACITOR	
C1058	F2G1E3300010	CAPACITOR	
C1059	F1H1E104A029	CAPACITOR	
C1060	F1H1E104A029	CAPACITOR	
C1061	F1H1E104A029	CAPACITOR	
C1062	F1H1E104A029	CAPACITOR	
C1063	F1H1E104A029	CAPACITOR	
C1064	F1H1E104A029	CAPACITOR	
C1065	F1G1C1030008	CAPACITOR	
C1066	F1G1C1030008 F1G1C1030008	CAPACITOR	
C1067	F1G1C1030008	CAPACITOR CAPACITOR	
C1069	F1G1C1030008	CAPACITOR	
C1070	F1G1C1030008	CAPACITOR	
C1071	F1G1C1030008	CAPACITOR	
C1072	F1G1C1030008	CAPACITOR	
C1073	F1G1C1030008	CAPACITOR	
C1074	F1G1C1030008	CAPACITOR	
C1075	F1G1C1030008	CAPACITOR	
C1076	F1G1C1030008	CAPACITOR	
C1077	F1G1C1030008	CAPACITOR	
C1078	F1G1C1030008	CAPACITOR	
C1079	F1G1C1030008 F1G1C1030008	CAPACITOR CAPACITOR	
C1080	F1G1C1030008 F1J0J106A013	CAPACITOR	
C1081	F1H1E104A029	CAPACITOR	
C1083	F1G1C104A077	CAPACITOR	
C1084	F1G1C104A077	CAPACITOR	
C1085	F1G1C104A077	CAPACITOR	
C1086	F1H1E104A029	CAPACITOR	
C1087	F1G1C104A077	CAPACITOR	
C1088	F1G1C104A077	CAPACITOR	
C1089	F1G1C104A077	CAPACITOR	
C1090	F1G1C104A077	CAPACITOR	
C1091	F1G1C104A077	CAPACITOR	
C1093	F1H1H2200008	CAPACITOR	
C1094	F1H1H100A831	CAPACITOR	T D O ONTO
C1095	F1G1H1020008	CAPACITOR	LB80NTU, LB75NTU,
1			LB80U, LB75U
		i .	
C1096	F1H1H2200008	CAPACITOR	
C1096 C1097 C1098	F1H1H2200008 EEEHB0G101R F1G1C104A077	CAPACITOR CAPACITOR CAPACITOR	

Ref.	Part No.	Part Name &	Remarks
No. C1099	F1H1H1010005	Description CAPACITOR	T DOONTHI
C1099	FIRITIO	CAPACITOR	LB80NTU, LB75NTU, LB80U, LB75U
C1100	F1H1H2200008	CAPACITOR	
C1101	F1G1H1020008	CAPACITOR	
C1102	F1H1H2200008	CAPACITOR	
C1103	F1H1H2200008	CAPACITOR	
C1104	F1H1H3300005	CAPACITOR	
C1105	F1H1H3300005	CAPACITOR	
C1106	F1H1H151A792	CAPACITOR	
C1107	F1H1H100A831	CAPACITOR	
C1108	F1H1H2200008	CAPACITOR	
C1109	F1H1H2200008	CAPACITOR	
C1110	F1H1H3300005	CAPACITOR	
C1111	F1H1H3300005	CAPACITOR	
C1112 C1113	F1G1C104A077	CAPACITOR	
C1115	F1H1H2200008 F1H1H2200008	CAPACITOR CAPACITOR	
C1116	F1G1C104A077	CAPACITOR	
C1117	F1H1H2200008	CAPACITOR	
C1118	F1H1H2200008	CAPACITOR	
C1119	F1H1H100A831	CAPACITOR	
C1120	F1H1H151A792	CAPACITOR	
C1121	F1H1H100A831	CAPACITOR	
C1122	EEEHB0J221UP	CAPACITOR	
C1123	F1H1H2200008	CAPACITOR	
C1124	F1G1C1030008	CAPACITOR	
C1125	F1H1H2200008	CAPACITOR	
C1126	EEEHB0J221UP	CAPACITOR	
C1127	F1H1H3300005	CAPACITOR	
C1128	F1G1C1030008	CAPACITOR	
C1129	F1H1H3300005	CAPACITOR	
C1130	EEEHB0J221UP	CAPACITOR	
C1131 C1132	F1H1H2200008 F1G1C1030008	CAPACITOR	
C1132	F1H1H2200008	CAPACITOR CAPACITOR	
C1133	F1G1C104A077	CAPACITOR	
C1135	F1H1H2200008	CAPACITOR	
C1136	F1H1H472A219	CAPACITOR	
C1137	F1H1H2200008	CAPACITOR	
C1138	F1H1A1050029	CAPACITOR	
C1139	F1H1H100A831	CAPACITOR	
C1140	F2G0J3300014	CAPACITOR	
C1141	F1H1H151A792	CAPACITOR	
C1142	F1G1C104A077	CAPACITOR	
C1143	F1H1H100A831	CAPACITOR	
C1144	F2G0J3300014	CAPACITOR	
C1145	F1H1H2200008	CAPACITOR	
C1146	F1G1C104A077	CAPACITOR	
C1147	F1G1C1030008	CAPACITOR	
C1148 C1149	F1G1C1030008	CAPACITOR	
C1149 C1150	F1G1H1020008 F1G1C104A077	CAPACITOR CAPACITOR	
C1150	F1G1C104A077	CAPACITOR	
C1152	F1G1H1020008	CAPACITOR	
C1153	F1H0J1050012	CAPACITOR	
C1154	F1G1H1020008	CAPACITOR	
C1155	F2G0J3300014	CAPACITOR	
C1156	F1G1C1030008	CAPACITOR	
C1157	F2G0J3300016	CAPACITOR	
C1158	F1G1C1030008	CAPACITOR	
C1159	F2G0J3300014	CAPACITOR	
C1160	F1G1C1030008	CAPACITOR	
C1161	F1H1A2250001	CAPACITOR	
C1162	F1G1H1020008	CAPACITOR	
C1163	F1H1A2250001	CAPACITOR	
C1164	F1H1E104A029	CAPACITOR	
C1165	F1G1C104A077 F1J1E105A197	CAPACITOR CAPACITOR	
C1166	F1G1C104A077	CAPACITOR	
C1168	F1G1C104A077	CAPACITOR	
C1169	ECJ2FF1A106Z	C 10UF, 10V	
C1170	ECJ2FF1A106Z	C 10UF, 10V	

Ref.	Part No.	Part Name &	Remarks
No. C1171	F1G1C104A077	Description CAPACITOR	
C1171	F1G1C104A077	CAPACITOR	
C1173	F1G1C1030008	CAPACITOR	
C1174	ECJ2FF1A106Z	C 10UF, 10V	
C1175	ECJ2FF1A106Z	C 10UF, 10V	
C1176	F1G1C104A077	CAPACITOR	
C1177	F1G1C104A077	CAPACITOR	
C1178	ECJ2FF1A106Z	C 10UF, 10V	
C1179	F1G1C104A077	CAPACITOR	
C1180	F1G1C1030008	CAPACITOR	
C1181	F1G1C104A077	CAPACITOR	
C1182	F1G1C104A077	CAPACITOR	
C1183	F1G1C104A077	CAPACITOR	
C1184	F1G1C104A077	CAPACITOR	
C1185	F1G1C104A077	CAPACITOR	
C1186 C1187	F1G1C104A077	CAPACITOR CAPACITOR	
C1188	ECJ2FF1A106Z	C 10UF, 10V	
C1189	F1G1C104A077	CAPACITOR	
C1189	F1G1C104A077	CAPACITOR	
C1191	F1G1C104A077	CAPACITOR	
C1192	F1G1C104A077	CAPACITOR	
C1193	ECJ1VC1H100C	C 10PF, 50V	
C1195	F1G1C104A077	CAPACITOR	
C1196	F1H1A2250001	CAPACITOR	
C1197	F1G1C104A077	CAPACITOR	
C1198	F1G1C104A077	CAPACITOR	
C1199	ECJ2FF1A106Z	C 10UF, 10V	
C1200	F1H0J475A010	CAPACITOR	
C1201	F1G1H1020008	CAPACITOR	
C1202	F1G1C104A077	CAPACITOR	
C1203	F1H1C104A008	CAPACITOR	LB80NTU, LB75NTU, LB80U, LB75U
C1204	F1G1C104A077	CAPACITOR	
C1205	F1H1C8230002	CAPACITOR	
C1206	F1G1C1030008	CAPACITOR	
C1207	F1H1C105A008	CAPACITOR	
C1208	F1G1C104A077	CAPACITOR	
C1209	F1G1C1030008	CAPACITOR	
C1210	F1G1C104A077	CAPACITOR	
C1211	F1H1H1800004	CAPACITOR	LB80NTU, LB75NTU, LB80U, LB75U
C1212	F1H1H104A220	CAPACITOR	
C1213	F1G1C1030008	CAPACITOR	LB80NTU, LB75NTU,
C1214	F1G1H1020000	CADACTEOR	LB80U, LB75U
C1214 C1215	F1G1H1020008 F2G0J3300014	CAPACITOR	LB80NTU, LB75NTU,
			LB80U, LB75U
C1217	F1H1H1800004	CAPACITOR	LB80NTU, LB75NTU,
			LB80U, LB75U
C1218	F2G1C4700014	CAPACITOR	
C1219	F1G1C104A077	CAPACITOR	
C1220	F2G1C4700014	CAPACITOR	
C1221	F1G1C104A077	CAPACITOR	
C1222	F1G1C104A077	CAPACITOR	
C1223	ECJ2FF1A106Z	C 10UF, 10V	LB80NTU, LB75NTU, LB80U, LB75U
	EEFCD0D101R	CAPACITOR	
C1224	F2G0J3300014	CAPACITOR	LB80NTU, LB75NTU,
C1224 C1225			LB80U, LB75U
C1225			
C1225	F1G1C104A077	CAPACITOR	
C1225 C1226 C1227	F1G1H1020008	CAPACITOR	
C1225			LB80NTU, LB75NTU, LB80U, LB75U
C1225 C1226 C1227	F1G1H1020008	CAPACITOR	LB80NTU, LB75NTU,

Ref.	Dowt No.	Dawk Name S	Domanica
No.	Part No.	Part Name & Description	Remarks
C1231	F1H1H222A219	CAPACITOR	LB80NTU,
C1231	FIRITIZZZRZIS	CAPACITOR	LB75NTU,
			LB80U, LB75U
C1233	F1G1C104A077	CAPACITOR	
C1234	F1H1A2250001	CAPACITOR	
C1235	F2G1C4700014	CAPACITOR	
C1236	F1H1H5610007	CAPACITOR	LB80NTU,
		9111191191	LB75NTU,
			LB80U, LB75U
C1237	F1G1C104A077	CAPACITOR	
C1238	F1G1C104A077	CAPACITOR	
C1239	F1G1C104A077	CAPACITOR	
C1240	F2G0J1010013	CAPACITOR	
C1241	F1G1C104A077	CAPACITOR	
C1242	F1G1C104A077	CAPACITOR	
C1243	F1G1C104A077	CAPACITOR	
C1244	F1H1A2250001		
	1	CAPACITOR	
C1245	F1G1C104A077	CAPACITOR	
C1246	F1H1A2250001	CAPACITOR	
C1247	ECJ1VC1H100C	C 10PF, 50V	
C1248	F1H0J1050012	CAPACITOR	
C1249	F2G1C4700014	CAPACITOR	LB80NTU,
			LB75NTU, LB80U, LB75U
C1250	F1G1C104A077	CAPACITOR	
C1250	ECJ2FF1A106Z	C 10UF, 10V	
C1251	F1H1A1050029	CAPACITOR	
C1252	F1H1E104A029	CAPACITOR	
C1255	F1H1E104A029		
-	1	CAPACITOR	T D O O NUMBER
C1256	ECJ2FF1A106Z	C 10UF, 10V	LB80NTU,
			LB80U, LB75U
C1258	F1J0J106A013	CAPACITOR	
C1259	F1J0J106A013	CAPACITOR	
C1261	F1H1E104A029	CAPACITOR	
C1263	EEEFK1E101P	CAPACITOR	
C1264	F1H1C104A008	CAPACITOR	LB80NTU,
			LB75NTU,
			LB80U, LB75U
C1265	F1G1C104A077	CAPACITOR	
C1266	F1H1C104A008	CAPACITOR	LB80NTU,
			LB75NTU,
G106F	T177131050000	G1D1GTMOD	LB80U, LB75U
C1267	F1H1A1050029	CAPACITOR	LB80NTU,
			LB80U, LB75U
C1268	ECJ2FF1A106Z	C 10UF, 10V	LB80NTU,
			LB75NTU,
			LB80U, LB75U
C1269	F1H1C333A041	CAPACITOR	LB80NTU,
			LB75NTU,
			LB80U, LB75U
C1270	F1G1C1030008	CAPACITOR	LB80NTU,
			LB80U, LB75U
C1271	F1G1C104A077	CAPACITOR	LB80NTU,
l -			LB75NTU,
			LB80U, LB75U
C1272	F1H1C104A008	CAPACITOR	LB80NTU,
l			LB75NTU,
g1.5.T.:	m1	G1 D1 GTECT	LB80U, LB75U
C1274	F1H1H331A792	CAPACITOR	T D C ONTEST
C1275	F1H1A2250001	CAPACITOR	LB80NTU,
			LB80U, LB75U
C1276	F1H1C104A008	CAPACITOR	LB80NTU,
1			LB75NTU,
		1	LB80U, LB75U
C1277	F1G1C104A077	CAPACITOR	
C1279	F1G1C104A077	CAPACITOR	
C1281	F1G1C104A077	CAPACITOR	
C1284	F1G1C104A077	CAPACITOR	
C1285	F2H0J820A008	CAPACITOR	
C1286	F1G1C104A077	CAPACITOR	
C1287	F1G1C104A077	CAPACITOR	
C1288	F1J0J1060004	CAPACITOR	
C1290	F1G1C104A077	CAPACITOR	
C1291	F1G1C104A077	CAPACITOR	

Ref.	Part No.	Part Name &	Remarks
No.		Description	
C1292	F1G1C104A077	CAPACITOR	
C1293	F1H1H221A792	CAPACITOR	
C1295	F1H1H102A219	CAPACITOR	
C1297	F1H1H1500009	CAPACITOR	
C1298	F1H1H1500009	CAPACITOR	
C1299	F1G1C104A077	CAPACITOR	
C1300	F1G1C104A077	CAPACITOR	
C1302 C1304	F1J1E105A197 F2G0J4700010	CAPACITOR CAPACITOR	
C1305	F2G0J4700010	CAPACITOR	
C1306	F2G1A221A030	CAPACITOR	
C1307	F2G0J3300014	CAPACITOR	LB80NTU, LB75NTU, LB80U, LB75U
C1308	F1H1E104A029	CAPACITOR	
C1309	F1G1C104A077	CAPACITOR	
C1310	F1G1C104A077	CAPACITOR	
C1311	F1G1C104A077	CAPACITOR	
C1312	F1G1C104A077	CAPACITOR	
C1313	F1G1C104A077	CAPACITOR	
C1314	F1G1C104A077	CAPACITOR	
C1315	F1G1C104A077	CAPACITOR	
C1316	F1G1C104A077	CAPACITOR	
C1317	F1G1C104A077	CAPACITOR	
C1318	F1G1C104A077	CAPACITOR CAPACITOR	
C1319 C1320	F1G1C104A077 F1G1C104A077	CAPACITOR	
C1320	F1G1C104A077	CAPACITOR	
C1322	F1G1C104A077	CAPACITOR	
C1323	F1G1C104A077	CAPACITOR	
C1324	F1G1C104A077	CAPACITOR	
C1325	F1G1C104A077	CAPACITOR	
C1326	F1G1C104A077	CAPACITOR	
C1327	F1G1C104A077	CAPACITOR	
C1328	F1G1C104A077	CAPACITOR	
C1329	F1G1C104A077	CAPACITOR	
C1330	F1G1C104A077	CAPACITOR	
C1331	F1G1C104A077	CAPACITOR	
C1332	F1G1C104A077	CAPACITOR	
C1333	F1G1C104A077	CAPACITOR	
C1334	F1G1C104A077	CAPACITOR	
C1335	F1G1C104A077	CAPACITOR	
C1336	F1G1C104A077 F1G1C104A077	CAPACITOR CAPACITOR	
C1337	F1G1C104A077	CAPACITOR	
C1338	F1G1C104A077	CAPACITOR	
C1340	F1G1C104A077	CAPACITOR	
C1341	F1G1C104A077	CAPACITOR	
C1342	F1G1C104A077	CAPACITOR	
C1343	F1G1C104A077	CAPACITOR	
C1344	F1G1C104A077	CAPACITOR	
C1345	F1G1C104A077	CAPACITOR	
C1346	F1G1C104A077	CAPACITOR	
C1347	F1G1C104A077	CAPACITOR	
C1348	F1G1C104A077	CAPACITOR	
C1349	F1G1C104A077	CAPACITOR	
C1350	F1H1A1050029	CAPACITOR	
C1352	F1G1C104A077	CAPACITOR	
C1353	ECJ2FF1A106Z	C 10UF, 10V	
C1356	F1G1C104A077	CAPACITOR	LB80NTU, LB75NTU, LB80U, LB75U
C1357	F1H1E104A029	CAPACITOR	
C1358	F1H1E104A029	CAPACITOR	
C1359	F1G1C104A077	CAPACITOR	
C1360	F1H1A2250001	CAPACITOR	
C1361	F1G1H1020008	CAPACITOR	
C1362 C1363	F1G1C104A077	CAPACITOR	
C1363	F1G1C104A077 F1H1E104A029	CAPACITOR CAPACITOR	
C1364	F1H1E104A029	CAPACITOR	
C1366	F1H1E104A029	CAPACITOR	
C1367	F1H1E104A029	CAPACITOR	
C1368	F1H1E104A029	CAPACITOR	
			!

Ref.	Part No.	Part Name &	Remarks
No.		Description	
C1369	F1H1E104A029	CAPACITOR	
C1370	F1H1E104A029	CAPACITOR	
C1371	F1H1E104A029	CAPACITOR	
C1372	F1H1E104A029 F1G1C104A077	CAPACITOR CAPACITOR	
C1374	F1G1C104A077	CAPACITOR	
C1374	F1G1C104A077	CAPACITOR	
C1376	F1G1C104A077	CAPACITOR	
C1377	F1G1C104A077	CAPACITOR	
C1379	F1G1C104A077	CAPACITOR	
C1380	F1G1C104A077	CAPACITOR	
C1381	F1G1C104A077	CAPACITOR	
C1382	F1G1C104A077	CAPACITOR	
C1383	F1G1C104A077	CAPACITOR	
C1384	F1G1C104A077	CAPACITOR	
C1385	F1G1C104A077	CAPACITOR	
C1386	F1G1C104A077	CAPACITOR	
C1387	F1G1C104A077	CAPACITOR	
C1388	F1G1C104A077	CAPACITOR	
C1389	F1G1C104A077	CAPACITOR	
C1390	F2G1C1010040	CAPACITOR	LB80NTU,
			LB75NTU, LB80U, LB75U
C1393	F1G1C104A077	CAPACITOR	
C1394	F2G1C1010040	CAPACITOR	
C1395	F1G1C104A077	CAPACITOR	
C1396	F1G1C104A077	CAPACITOR	
C1397	ECJ2FF1A106Z	C 10UF, 10V	
C1398	ECJ2FF1A106Z	C 10UF, 10V	
C1399	F1H1A1050029	CAPACITOR	
C1400	ECJ2FF1A106Z	C 10UF, 10V	
C1401	F1H1A1050029	CAPACITOR	
C1402	F1H1A2250001	CAPACITOR	
C1403	ECJ2FF1A106Z	C 10UF, 10V	
C1404	F1H1A1050029	CAPACITOR	
C1405	F1G1C104A077	CAPACITOR	
C1406	F1G1C104A077	CAPACITOR	
C1407	ECJ3YF1C475Z	C 4.7UF, Z, 16V	
C1408	ECJ3YF1C475Z	C 4.7UF, Z, 16V	
C1409	F1H1E104A029	CAPACITOR	
C1410	F1G1C104A077	CAPACITOR	
C1411	F2G0J4700010	CAPACITOR	
C1412	F1J1E105A197	CAPACITOR	
C1413	F1G1C104A077	CAPACITOR	
C1414	F1G1C104A077	CAPACITOR	
C1415	F1G1C104A077	CAPACITOR	
C1416	F1G1C104A077	CAPACITOR	
C1417	F1G1C104A077	CAPACITOR	
C1418 C1434	F1G1C104A077 EEEFK1E101P	CAPACITOR CAPACITOR	
C1435	ECJ1VF1E104Z	C 0.1UF, Z, 25V	
C1436	F1J1E105A197	CAPACITOR	
C1437	ECJ0EB1H102K	C 1000PF, 50V	
C1438	ECJ0EB1H102K	C 1000PF, 50V	
C1439	F1J1E105A197	CAPACITOR	
C1440	ECJ0EF1C104Z	C 0.1UF, 16V	
C1441	F1G1C104A077	CAPACITOR	
C1442	F1K1E4750002	CAPACITOR	
C1443	F1K1C106A116	CAPACITOR	
C1444	F1K1C106A116	CAPACITOR	
C1445	F1H1E104A029	CAPACITOR	
C1446	F1H1H103A219	CAPACITOR	
C1447	F1G1H222A571	CAPACITOR	
C1448	F1G1H220A565	CAPACITOR	
C1449	F1K1E4750002	CAPACITOR	
C1450	F1K1C106A116	CAPACITOR	
C1451	F1K1C106A116	CAPACITOR	
C1452	F1H1E104A029	CAPACITOR	
C1453	F1G1H220A565	CAPACITOR	
C1454	F1G1H222A571	CAPACITOR	
C1455	F1H1H103A219	CAPACITOR	
C1500 C1501	F1H1C105A008	CAPACITOR	
	F1H1H472A219	CAPACITOR	İ

Ref.	Part No.	Part Name &	Remarks
No.		Description	
C1502 C1503	F1H1C105A008 F1H1H472A219	CAPACITOR CAPACITOR	
C1504	ECJ3YF1C475Z	C 4.7UF, Z, 16V	
C1505	ECJ3YF1C475Z	C 4.7UF, Z, 16V	
C1506	ECJ1VC1H151J	CAPACITOR	
C1600	ECJ1VB1H103K	C 0.01UF, K, 50V	
C1601	F2G0J3300014	CAPACITOR	
C1602 C1603	ECJ1VB1H103K F2G0J3300014	C 0.01UF, K, 50V CAPACITOR	
C1604	ECJ1VB1H103K	C 0.01UF, K, 50V	
C1605	F2G0J3300014	CAPACITOR	
C1801	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1802	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1803	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1806	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1807	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1808	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1809	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1810	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1811	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1812	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1813	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1814	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1815	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1816	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1817	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1818	F1G1H101A565	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1819	F1J0J106A013	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1820	F1J0J106A013	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1821	F1J0J106A013	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1822	F1J0J106A013	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1823	F1J0J106A013	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1824	F1J0J106A013	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1825	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1826	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1827	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1828	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1829	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1830	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1831	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1832	F1J0J106A013	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1833	F1J0J106A013	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1834	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1835	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1836	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA

Ref.	Part No.	Part Name &	Remarks
No.	F1G1C104A077	Description CAPACITOR	LB80NTU/E/EA,
C1838	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
			LB75NTU/E/EA
C1839	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1840	F1J0J106A013	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1841	F1J0J106A013	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1842	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1843	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1844	F1G1C104A077	CAPACITOR	LB80NTU/E/EA,
C1845	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1846	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1847	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1848	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1849	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1049	FIGICIOTAU	CAPACITOR	LB75NTU/E/EA
C1850	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1851	ECJ1VB1H472K	C 4700PF, K, 50V	LB80NTU/E/EA, LB75NTU/E/EA
C1852	EEFCX0G151R	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1853	EEFCD0D101R	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1854	F1J0J106A013	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1855	F1J0J106A013	CAPACITOR	LB80NTU/E/EA,
C1856	F1J0J106A013	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1857	F1J0J106A013	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1858	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1859	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1860	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1861	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
			LB75NTU/E/EA LB80NTU/E/EA,
C1862	F1G1C104A077	CAPACITOR	LB75NTU/E/EA
C1863	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1864	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1865	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1866	F1G1C104A077	CAPACITOR	LB80NTU/E/EA,
C1867	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1868	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1869	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1870	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1871	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1872	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
			LB75NTU/E/EA
C1873	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1874	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1875	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1876	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA

Ref. No.	Part No.	Part Name & Description	Remarks
C1877	F1G1C104A077	CAPACITOR	LB80NTU/E/EA,
C1878	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1879	F1G1C104A077	CAPACITOR	LB80NTU/E/EA,
C1880	F1G1C104A077	CAPACITOR	LB80NTU/E/EA,
C1881	F1G1C104A077	CAPACITOR	LB80NTU/E/EA,
C1883	F1J0J106A013	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1884	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1885	F1G1C104A077	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1887	F1G1H101A565	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1888	F1G1C104A077	CAPACITOR	LB75NTU/E/EA
			LB80NTU/E/EA, LB75NTU/E/EA
C1889	F1G0J4740003	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1890	F1J0J2260002	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1893	F1J0J2260002	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1894	F1J0J106A013	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1895	F1G1C104A077	CAPACITOR	LB80NTU/E/EA, LB75NTU/E/EA
C1896	F1G1C104A077	CAPACITOR	LB80NTU/E/EA,
C1897	F1G1C104A077	CAPACITOR	LB80NTU/E/EA,
C1898	F1G1C104A077	CAPACITOR	LB80NTU/E/EA,
C1902	F1H1H2200008	CAPACITOR	LB80NTU/E/EA,
C1903	ECJ1VC1H100D	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
C1904	ECJ1VC1H050C	CAPACITOR	LB75NTU/E/EA LB80NTU/E/EA,
			LB75NTU/E/EA
C5001	E4D272750005	CADACTTOD	
C5001 C5002	F4D272750005 F4D272750005	CAPACITOR CAPACITOR	
C5002	F4D272750005	CAPACITOR	
C5002 C5003	F4D272750005 F4D272750005	CAPACITOR CAPACITOR	Δ
C5002 C5003 C5004	F4D272750005 F4D272750005 F4D272750005	CAPACITOR CAPACITOR CAPACITOR	<u>A</u>
C5002 C5003 C5004 C9101	F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA	CAPACITOR CAPACITOR CAPACITOR CAPACITOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102	F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010	CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR	\triangle
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603	F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 F1BAH1520010 ECQU2A334MLA F0CZZ4740003	CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610	F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008	CAPACITOR (B-PCB) CAPACITOR (B-PCB)	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617	F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001	CAPACITOR (B-PCB) CAPACITOR (B-PCB)	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610	F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008	CAPACITOR (B-PCB) CAPACITOR (B-PCB)	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617	F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001	CAPACITOR (B-PCB) CAPACITOR (B-PCB)	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617	F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB)	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617	F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001	CAPACITOR (B-PCB)	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617	F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB)	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2	F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001 K1MY36BA0006 K1MY36BA0006	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2 A3	F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (CONNECTOR CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2 A3 A4	F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (CONNECTOR CONNECTOR CONNECTOR CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2 A3 A4 A5	F4D272750005 F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1KA07A00292 K1KA04A00667	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2 A3 A4 A5 A6	F4D272750005 F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1KA07A00292 K1KA04A00667 K1KA05AA0150	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2 A3 A4 A5 A6 A7	F4D272750005 F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MA07A00292 K1KA04A00667 K1KA05AA0150 K1KA04AA0150	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (CB-PCB) CAPACITOR (CB-PCB) CAPACITOR (CONNECTOR CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2 A3 A4 A5 A6 A7 A8	F4D272750005 F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001 K1MY36BA0006	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) COMMECTOR CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9617 C9618 A1 A2 A3 A4 A5 A6 A7 A8 A9	F4D272750005 F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001 K1MY36BA0006	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) COMMECTOR CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2 A3 A4 A5 A6 A7 A8 A9 A10	F4D272750005 F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001 K1MY36BA0006	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) [OTHERS] CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11	F4D272750005 F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001 K1MY36BA0006	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) [OTHERS] CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12	F4D272750005 F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001 F0C3E1820001 K1MY36BA0006	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) [OTHERS] CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13	F4D272750005 F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001 F0C3E1820001 K1MY36BA0006	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) [OTHERS] CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 A14	F4D272750005 F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001 F0C3E1820001 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MA07A00292 K1KA04A00667 K1KA05AA0150 K1KA02AA0104 K1KA02AA0104 K1KA02AA0104 K1KA02A00787 K1KB00A00151 K1KA02A00787	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) [OTHERS] CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 A14 A15	F4D272750005 F4D272750005 F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E1820001 F0C3E1820001 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MY36BA0006 K1MA07A00292 K1KA04A00667 K1KA05AA0150 K1KA02AA0104 K1KA02AA0104 K1KA02AA0104 K1KA02A00787 K1KA02A00787 K1KB50A00151 K1KA02A00083	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) [OTHERS] CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 A14 A15 A16	F4D272750005 F4D272750005 F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CONNECTOR	<u>A</u>
C5002 C5003 C5004 C9101 C9102 C9103 C9104 C9603 C9610 C9617 C9618 A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 A14 A15 A16 A17	F4D272750005 F4D272750005 F4D272750005 F4D272750005 F4D272750005 ECQU2A105MLA F1BAH1520010 ECQU2A334MLA F0CZZ4740003 F0C2E1050008 F0C3E1820001 F0C3E	CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CAPACITOR (B-PCB) CONNECTOR	<u>A</u>

Ref.	Part No.	Part Name &	Remarks
No.		Description	
CF2001 02	D4CC1103A037	THERMISTOR	
CF2002	D4CEY2R20002	THERMISTOR	
CF2002S	K9ZZ00001719	LUG TERMINAL	
F9101-1	K3GE1ZA00010	FUSE HOLDER	
F9101-2	K3GE1ZA00010	FUSE HOLDER	
F9101	K5D632BNA005	FUSE	\triangle
JK1001	K1CB205B0007	S-VIDEO/VIDEO IN	
JK1003	K2HA2YYB0001	AUDIO IN	
JK1004	K1FB224B0002	RGB IN1/RS232C I/F	
JK1005	K1FB115B0124	RGB IN2/OUT	
JK1006	K2HC206B0004	COMPUTER1/AUDIO OUT	
JK9101	K2AZYB000001	INLET	Δ
JS1003	ERJ6GEY0R00	M 0 OHM,J,1/10W	
JS1004	ERJ6GEY0R00	M 0 OHM,J,1/10W	
JS1005	ERJ6GEY0R00	M 0 OHM,J,1/10W	
LF9101	G0B123J00003	LINE FILTER	Δ
M1	K1KA02B00294	CONNECTOR	
M2	K1KA02B00294	CONNECTOR	
RM1000	B3RAD0000126	DIODE	
WL1	K1NA09E00050	CONNECTOR	LB80NTU/E/EA, LB75NTU/E/EA
WL2	K1KA50A00224	CONNECTOR	LB80NTU/E/EA, LB75NTU/E/EA
WL3	K1KA10BA0014	CONNECTOR	LB80NTU/E/EA, LB75NTU/E/EA
X1001	н0J172500002	CRYSTAL	
X1002	ној270500116	CRYSTAL	
X1005	ној327200115	CRYSTAL	LB80NTU, LB75NTU, LB80U, LB75U
X1801	H1A6605B0008	CRYSTAL	LB80NTU/E/EA, LB75NTU/E/EA
X1802	H1A1225B0015	CRYSTAL	LB80NTU/E/EA, LB75NTU/E/EA
ZA1001	K4CD01000013	LUG TERMINAL	
ZA1002	K4CD01000013	LUG TERMINAL	
ZA1003	K4CD01000013	LUG TERMINAL	
ZA1004	K4CD01000013	LUG TERMINAL	
ZA1005	K4CD01000013	LUG TERMINAL	
ZA1801	K4CD01000013	LUG TERMINAL	LB80NTU/E/EA, LB75NTU/E/EA
ZA1802	K4CD01000013	LUG TERMINAL	LB80NTU/E/EA, LB75NTU/E/EA
ZA9101	K9ZZ00000424	LUG TERMINAL	
RTL	TNPA4537	CIRCUIT BOARD (WL)	⚠ LB80NTU/E/EA, LB75NTU/E/EA
	TNPA4541	CIRCUIT BOARD (Z)	\triangle
	TNPA4550	CIRCUIT BOARD (M1)	\triangle
	TNPA4593	CIRCUIT BOARD (M2)	Δ
RTL	TXANP01QPRZ	CIRCUIT BOARD (A)	∆ LB80NTU, LB75NTU
	TXANP01VKG7	CIRCUIT BOARD (A)	⚠ LB80NTE/EA, LB75NTE/EA
	TXANP01QQAZ	CIRCUIT BOARD (A)	⚠ LB80U, LB75U
	TXANP01VKH9	CIRCUIT BOARD (A)	⚠ LB80E/EA, LB75E/EA
	TXANP02VKG7	CIRCUIT BOARD (K)	\triangle
	TXANP99VKG7	CIRCUIT BOARD (S)	\triangle
	ETX1MM708MC	CIRCUIT BOARD (P)	\triangle
1	TXANP04VKG7	BALLAST UNIT ASSY	\triangle

Control Command
PT-LB80NT**
PT-LB75NT**
PT-LB80**
PT-LB75**

Using the Serial Terminal

1. Basic Format

Transmission from the computer begins with STX, then the command, parameter and ETX are sent in this order. Add parameters according to the details of control.

Basic control command (without parameter)

Start	Command	Command
(STX)		End (ETX)
1 byte	3 bytes	1 byte

Basic control command (with parameters)

Start	Command Separator		Parameters	Command
(STX)		(colon)		End (ETX)
1 byte	3 bytes	1 byte	Undefined length	Undefined
				length

Response (Callback) of the basic control command

In the period when the command can be accepted Differs according to each command.

In the period when commands cannot be accepted or the command does not exist

Hexadecimal	02h	45h	52h	34h	30h	31h	03h
Character		Е	R	4	0	1	

In case of the parameter error

Hexadecimal	02h	45h	52h	34h	30h	32h	03h
Character		Ε	R	4	0	2	

Notes:

- When sending several commands, be sure to wait for a response from the projector, and send the next command after 0.5 seconds or more pass.
- It might take time by the time the response returns because the command is processed in the projector. Set the time-out to 10 seconds or longer.

Basic Control Command

Explanatory notes

○: Yes (Enable) ×: No (Disable)

 \triangle : Case by case (Refer to the note.)

Power ON (Lamp ON) key 2.1.

Hexadecimal	02h	50h	$4\mathrm{Fh}$	$4\mathrm{Eh}$	03h				
Character		Р	0	N					
Response (Callback))	•							
In the period when the command can be accepted (This command in power on condition is included)									
TT 1 1 1	0.01	× 01	4 7 3 1	4 731	0.01				

Character

Acceptability

SECURITY

Note

· When you confirm whether to have succeeded in power-on, confirm it by QPW (Query Power) command after receiving the callback of PON command.

Power OFF (Standby) key 2.2.

Hexadecimal	02h	50h	4Fh	46h	03h
Character		Р	0	F	

Response (Callback)

In the period when the command can be accepted (This command in power-off condition is included)

Hexadecimal	02h	50h	4Fh	46h	03h
Character		P	Ö	F	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
Ö	0	0	0

Note

When you confirm whether to have succeeded in power-off, confirm it by QPW (Query Power) command after receiving the callback of POF command.

2.3. **AUTO SETUP key**

Hexadecimal	02h	4Fh	41h	53h	03h
Character		Ö	A	${ m S}$	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	53h	03h
Character		0	A	\mathbf{S}	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	Δ	×

Note:

• During NO SIGNAL, this command is available only when "Signal Search" is "ON".

2.4. AV MUTE key

Hexadecimal	02h	4F'h	53h	48h	3Ah	*1	03h
Character		0	S	Н	:	*2	

Parameters (*1. *2)

O	maineters (1, 2)								
		AV MUTE OFF	AV MUTE ON						
	Hexadecimal	30h	31h						
	Character	0	1						

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	48h	3Ah	*1	03h
Character		Ö	$_{ m S}$	Н	:	*2	

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	\cap	

2.5.	FR	EEZE	kev
------	----	------	-----

Не	xadecimal	02h	4Fh	46h	5A	h	3Ah	*1	03h		
	haracter			F	Z		:	*2]	-1	
Para	meters (*1, †	*2)									
		F	'REEZI	E OFF		F	'REEZE	ON			
I	Iexadecimal	1	301	ı			31h				
[Character		0				1				
Resp	onse (Callba	.ck)									
In	the period v	vhen th	e comm	and can b	e acc	epte	ed				
	Hexadecim	al	02h	4Fh	46	h	5Ah	3A	h	*1	03h
	Charactei	?		0	F	7	Z	:		*2	
$\overline{\mathrm{Ac}}$	ceptability										
S	SECURITY	STAN	DBY	NO SIGN	AL	AV	MUTE				
[×	×		×			×	1			

2.6. INPUT SELECT key

	Hexadecimal	02h	49h	49h	53h	3Ah	*1	*3	*5	03h
	Character		Ī	I	S	:	*2	*4	*6]
Pa	rameters (*1, *2	2, *3, *4	, *5, *6)			,	-		,	
			COMF	PUTER:	1	(COMPU	TER2		
	Hexadecimal	52h	1 4	7h	31h	52h	47h	. 3	2h	
	Character	R		G	1	R	G		2	
			VI	DEO			S-VID	EΟ		

Hexadecimal	əbn	49n	44n
Character	V	I	D
	1	VETWORE	Κ
Hexadecimal	4Eh	57h	50h
Character	N	W	Р

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	49h	49h	53h	3Ah	*1	*3	*5	03h
Character		I	I	S	:	*2	*4	*6	

56h

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	Δ	0	Ö

Notes:

- Parameter NWP is available only for PT-LB80NT**/LB75NT**.
 During STANDBY, this command is available only when "AUDIO IN STANDBY" is "ON".

2.7. MENU key

	Hexadecimal		02h	L	4Fh		4Dh	L	4Eh		03h	
	Character			[O		\mathbf{M}	[]	N			
	sponse (Callba											
	In the period w	hen	the con	nm	iand ca	n b	e acce	pte	$^{\mathrm{d}}$			
	Hexadecim	al	02h		4Fh		$4\mathrm{Dh}$	L	$4\mathrm{Eh}$		03h	
	Character	,			0		M		N			
	Acceptability											
	SECURITY	STA	NDBY		NO SI	ΞN	AL .	AV	MUTE)		
	0		×	- [-	C)			×			

2.8. ENTER key

Hexadecimal	02h	4Fh	45h	4Eh	03h	
Character		Ö	Ē	N		
Response (Callback))					
In the period whe	en the con	nmand ca	n be acce	epted		
Hexadecimal	02h	4Fh	45h	4Eh	03h	
Character		0	E	N		
Acceptability						
SECURITY S'	TANDRY	NO SI	INIAT.	AV MITTE	Y	

2.9. RETURN key

Hexadecimal		02h	4Fh		42h	4Bh	03h			
Character			Ō		В	K				
Response (Callbac	k)							-		
In the period when the command can be accepted										
Hexadecima	$_{\mathrm{l}}$	02h	4F.	h	42h	4Bh	03h			
Character			Ö		В	K				
Acceptability										
SECURITY STANDBY NO SIGNAL AV MUTE										
0		×		<u> </u>		×				

2.10. UP key

	Hexadecimal	L	02h	$4\mathrm{Fh}$	4:	3h[55h		03h	
	Character			O	[(Ō [U			
	esponse (Callba				-					
	In the period w	hen t	he com	ımand ca	n be	accep	ted			
	Hexadecim	al	02h	4Fh		43h	55h		03h	
	Character	,		Ö		C	Ū			
	Acceptability			·			•			
	SECURITY	STA	NDBY	NO SI	GNA	L A	V MUTE)		
			~	7	Z		×			

2.11. DOWN key

l	Hexadecimal		02h	4Fh	L	43h	4	$^{4\mathrm{h}_{}}$	L	03h	
	Character			O		С]	Ď [
	sponse (Callbac										
	In the period w	hen 1	the con	nmand	can	be acce	pted				
	Hexadecima	al	02h	4F	'h	43h		44h		03h	
	Character)	C		D			
	Acceptability										
	SECURITY	STA	NDBY	NO S	SIGN	VAL .	AV M	IUTE	,		
	Ő		×		0		>	<			

2.12. LEFT key

Hexadecimal	L	02h	4]	Fh		43h		4Ch		03h	l
Character			(Ö		C		L			İ
Response (Callba	ck)										
In the period w	hen '	the con	ımaı	nd ca	n l	oe acce	pte	d			
Hexadecim	al	02h		4Fh		43h		4Ch		03h	
Character	,			О		C		L			
Acceptability			-							•	
SECURITY	STA	NDBY	N	O SI	GΝ	IAL A	AV.	MUTE	,		
		×			7			×			

2.13. RIGHT key

Hexadecimal		02h	4	4Fh	43	3h	5	52h		03h		
Character				O	(Ō.		R				
Response (Callba	.ck)											
In the period v	In the period when the command can be accepted											
Hexadecim	al	02h		4Fh		43h		52h		03h		
Character	r			О		С		R				
Acceptability												
SECURITY	STA	$ND\overline{BY}$		NO SI	GΝΑ	$\mathbf{L} \mid I$	AV N	ЛUТЕ	2			
		X	1)			X	7			

2.14. DEFAULT key

Hexadecimal	02h	4Fh	53h	54h	03h
Character		Ö	S	Т	
Rosponso (Callback)	1				

Response (Callback)

-	oponio (canoaci)								
	In the period when the command can be accepted								
	Hexadecimal	02h	4Fh	53h	54h	03h			
	Character		0	S	T				
	Acceptability					,			
I	SECULIATE STA	NDBA	MO SIGN	ZA LAT	MITTE				

2.15. FUNCTION key

Hexadecimal	02h	46h	43h	31h	03h				
Character		F	Ċ	1	[
Response (Callback)	Response (Callback)								
In the period whe	n the con	nmand ca	n be acce	pted					
Hexadecimal	02h	46h	43h	31h	03h				
Character F C 1									
Acceptability									

2.16. VOLUME + key

Hexadecimal	02h	41h	55h	55h	03h
Character		A	U	U	

Response (Callback)

In the period when the command can be accepted

	Hexadecimal	02h	41h	55h	55h	03h
	Character		A	Ū	Ü	
1	1 1 1111				•	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	Δ	×	×

Note

• During STANDBY, this command is available only when "AUDIO IN STANDBY" is "ON".

2.17. VOLUME - key

Hexadecimal	02h	41h	55h	44h	03h	
Character		Α	U	D		
Response (Callback))					-
In the period whe	n the con	nmand ca	n be acce	pted		
Hexadecimal	02h	41h	55h	44h	03h	
Character		A	Ü	D		
Acceptability	•	•	•	•		

Note

• During STANDBY, this command is available only when "AUDIO IN STANDBY" is "ON".

2.18. INDEX-WINDOW key

Hexadecimal	02h	4Fh	49h	58h	03h
Character		0	Ι	Χ	

Response (Callback)

In the period when the command can be accepted

Ī.	Hexadecimal	02h	4Fh	49h	58h	03h
	Character		O	I	X	
7	accentability			•		•

Acceptability

I	SECURITY	STANDBY	NO SIGNAL	AV MUTE
	×	X	×	×

2.19. DIGITAL ZOOM + key

Hexadecimal	02h	44h	5Ah	55h	03h
Character		D	Z	U	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	5Ah	55h	03h
Character		D	Z	Ü	

receptability			
SECURITY	STANDBY	NO SIGNAL	AV MUTE
X	X	X	X

2.20. DIGITAL ZOOM - key

	Hexadecimal		02h	44h	5Ah	44h	03h
	Character			D	Z	D	
Res	esponse (Callback)						
In	n the period w	the con	ımand ca	n be acc	epted		
	Hexadecima	02h	44h	5Ah	44h	03h	
[-	Character			D	Z	D	
Ā	Acceptability						
	SECURITY ST		ANDBY	NO SI	GNAL	AV MUTE	
[]	×		X	×		×	- 7

2.21. COMPUTER SEARCH key

Hexadecimal	02h	4Fh	50h	43h	03h
Character		О	Р	C	
Response (Callbac	k)			•	
In the period wh	ien the con	nmand car	n be acce	epted	
Hexadecimal	02h	4Fh	50h	43h	03h
Character		0	P	C	[
Acceptability	•				,
SECURITY S	STANDBY	NO SIG	BNAL	AV MUTE)
×	×)	×	

Note:

• This command is available only for PT-LB80NT**/LB75NT**.

2.22. PAGE UP key

	Hexadecimal		02h	4Fh	55h	50h	03 h		
	Character			0	U	Р			
$\overline{\mathrm{R}}\epsilon$	esponse (Callba								
	In the period when the command can be accepted								
	Hexadecima	al	02h	4Fh	55h	50h	03h		
	Character			0	Ū	Р			
	Acceptability								
	SECURITY	ST_{ℓ}	ANDBY	NO SI	GNAL .	AV MUTE	<u> </u>		
	× × × × × ×								
NT.	ata'								

Note

• This command is available only for PT-LB80NT**/LB75NT**.

2.23. PAGE DOWN key

Hexadecimal	02h	4Fh	44h	50h	03h				
Character		0	D	Р					
Response (Callba	ek)								
In the period w	In the period when the command can be accepted								
Hexadecima	d 02h	4Fh	4Fh 44h		03h				
Character		0	D	Р					
Acceptability	•	•		•					
SECURITY	STANDBY	NO SIG	GNAL	AV MUTE	7				
×	×	×		×					

Note:

• This command is available only for PT-LB80NT**/LB75NT**.

2.24. MULTI-LIVE key

١.	Hexadecimal	L _	02h	4Fh	4Dh	L 4Ch	U3h
L	Character			O	Μ	L	
Ī	Response (Callba						
	In the period w	hen	the con	ımand ca	n be acce	epted	
	Hexadecima	al	02h	4Fh	4Dh	4Ch	03h
	Character			0	M	L	
	Acceptability		•				
	SECURITY	STA	ANDBY	NO SIG	GNAL .	AV MUTE	}
	X		X	×		Χ	
-	¥ 1			•			-

Note

• This command is available only for PT-LB80NT**/LB75NT**.

2.25. Picture Mode

Hexadecimal	02h	56h	50h	4Dh	3Ah	*1	*3	*5	03h
Character		V	P	M	:	*2	*4	*6	
Parameters (*1, *2,	*3, *4, *5,	*6)							

Parameters (*1, *2, *3, *4, *5, *6)

		DYNAMIC 44h 59h 4Eh			NATURAL			STANDARD			BLACKBOARD		
Hexadecimal	44h	59h	4Eh	4Eh	41h	54h	53h	54h	44h	42h	42h	44h	
Character	D	Y	N	N	A	T	S	T	D	В	В	D	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	50h	4Dh	3Ah	*1	*3	*5	03h
Character		V	P	M	:	*2	*4	*6	

Acceptability

	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

Note:

2.26. Contrast

Hexadecimal	02h	56h	43h	4Eh	3Ah	*1	*3	*5	03h
Character		V	С	N	: : :	*2	*4	*6	

Parameters (*1, *2, *3, *4, *5, *6)

	-32			-31			-30		
Hexadecimal	$2\mathrm{Dh}$	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character		3	2	_	3	1		3	0
		30	•	31				32	
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

Response (Callback)

In the period when the command can be accepted

in the period when t	the period when the communa can be accepted												
Hexadecimal	02h	56h	43h	4Eh	3Ah	*1	*3	* 5	03h				
Character		V	C	N	:	*2	*4	*6					

Acceptability

	STANDBY	NO SIGNAL	AV MUTE
X	×	×	×

2.27. Brightness

Hexadecimal	02h	56h	42h	52h	3Ah	*1	*3	*5	03h
Character		V	В	R	: : : : : :	*2	*4	*6	

Parameters (*1, *2, *3, *4, *5, *6)

	-32				-31		-30			
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h	
Character		3	2		3	1		3	0	
		30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h	
Character	0	3	0	0	3	1	0	3	2	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	42h	52h	3Ah	*1	*3	*5	03h
Character		V	В	R	:	*2	*4	*6	

SECURITY	STANDBY	NO SIGNAL	AV MUTE
X	×	×	×

[•] Parameter BBD is available only when "Black Board" is "ON".

2.28. Color

	Hexadecimal	02h	56h	43h	4F	h	3Ah	*1	*3	*5	03h		
	Character		V] C	C	5	::	*2	*4	*6			
Pa	rameters (*1, *2	2, * 3, *	4, *5, *6	3)									
			_	32				-31			-30		
	Hexadecimal	2D	h 3	3 h	32h	2D	h	33h	31h	2Dh	33h	30h	
	Character]		3	2			3	1	[]	3	0	
			3	0				31			32		
	Hexadecimal	301	n 3	3h	30h	30]	h	33h	31h	30h	33h	32h	
	Character	0		3	0	0		3	1	0	3	2	
	sponse (Callbac												
	In the period w	hen th	e comma	and can	be acc	eptec	l						
	Hexadecima	al	02h	56h	4	13h	4F	`h	3Ah	*1	*3	*5	03h
	Character			V		С)	:	*2	*4	*6	

Acceptability

SECURITY STANDBY NO SIGNAL AV MUTE

× × × × ×

Note

• This command is only acceptable when the input is VIDEO/S-VIDEO or COMPUTER1/COMPUTER2 and the input signal is YPbPr. In other cases, ER401 is returned.

2.29. Tint

	Hexadecimal	02h	56h	54h	4E	h :	3Ah	*1		*3	*5	03h		
	Character		V	T T	Ň	Ī	-:	*2	1-	*4	*6		1	
Pε	rameters (*1, *	2, *3, *	4, *5, *6	3)		•		•			•			
			_	32			-	-31				-30		
	Hexadecimal	2D	n 3	3h	32h	2Dł	ı ;	33h	3	1h	2Dh	33h	30h	
	Character	.]		3	2			3		1		3	0	
			3	0				31				32		
	Hexadecimal	301	1 3	3h	30h	30h	ι ;	33h	3	1h	30h	33h	32h	
	Character	0		3	0	0		3		1	0	3	2	
Re	sponse (Callba													
	In the period w	hen th	e comm	and can	be acc	epted								
	Hexadecim	al	02h	56h		54h	4E	h	3A	\h_	*1	*3	*5	03h
	Character	?		V		Т	N	J	:		*2	*4	*6	
	Acceptability							_						
	SECHBITY	STAN	DBV i	JO SIGI	NAL.	AV M	HTE							

Note:

• This command is only acceptable when the input is VIDEO/S-VIDEO or COMPUTER1/COMPUTER2 and the input signal is YPBPR. In other cases, ER401 is returned.

2.30. Sharpness

	Hexadecimal	02h	56h	53h	-152	h 3	Ah	*1] ;	*3	*5	03h		
	Character		V] S	R	,	:	*2	, , , , , , , , , , , , , , , , , , , ,	*4	*6			
Pε	arameters (*1, *	2, * 3, *	4, * 5, * 6	(3)										
			()				1				2		
	Hexadecimal	301	1 3	Oh	30h	30h	9	30 h	31h	ı	30h	30h	32h	
	Character	0		o T	0	0		0	1	[0	0	2	
			1	3				14			•	15		
	Hexadecimal	301	1 3	1 h	33h	30h	:	31h	34h	ı	30h	31h	35h	
	Character	0		1	3	0		1	4	[0	1	5	
$R\epsilon$	esponse (Callbac	ek)	•	•			•							'
	In the period w	hen th	e comma	and can	ı be acc	epted								
	Hexadecim	al	02h	56h	. 5	53h	52	h	3Ah		*1	*3	*5	03h
	Character	,] .		V		S	R		::]	*2	*4	*6	
	Acceptability					•								
	SECURITY	STAN.	DBY N	O SIG	NAL	AV M	UTE							

2.31. Color Temperature

Hexadecimal	02h	4Fh	54h	45h	3Ah	*1	03h
Character		0	Γ	E	: : : : : : : : : : : : : : : : : : : :	*2	

Parameters (*1, *2)

	LOW	STANDARD	HIGH
Hexadecimal	30h	31h	32h
Character	0	1	2

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	54h	45h	3Ah	*1	03h
Character		Ö	Ť	Е	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.32. W-Bal. R

Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	03h
Character		V	W	R	:	*2	*4	*6	

Parameters (*1, *2, *3, *4, *5, *6)

	-32				-31		-30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	$2\mathrm{Dh}$	33h	30h
Character	_	3	2		3	1		3	0
	30			31				32	
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

Response (Callback)

In the period when the command can be accepted

in the period when t	t the period when the command can be decepted									
Hexadecimal	02h	56h	57h	52h	3Ah	*1	*3	*5	03h	
Character		V	W	R	:	*2	*4	*6		

Acceptability

SECU	RITY	STANDBY	NO SIGNAL	AV MUTE
>	<	×	×	×

Note:

• This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.

2.33. W-Bal. G

Hexadecimal	02h	56h	57h	47h	3Ah	*1	*3	*5	03h
Character		V	W	G	:	*2	*4	*6	

Parameters (*1, *2, *3, *4, *5, *6)

1 ameters (1, 2, 3, 1, 3, 5,											
	-32				-31			-30			
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h		
Character		3	2		3	1		3	0		
	30			31			32				
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h		
Character	0	3	0	0	3	1	0	3	2		

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	57h	47h	3Ah	*1	*3	*5	03h
Character		V	W	Ğ	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	111 1110 111
×	×	×	×

Note:

• This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.

2.34. W-Bal. B

Hexadecimal	02h	56h	57h	42h	3Ah	*1	*3	*5	03h
Character		V	W	В	:	*2	*4	*6	[

Parameters (*1, *2, *3, *4, *5, *6)

	-32				-31		-30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character		3	2		3	1		3	0
	30								
		30			31			32	
Hexadecimal	30h	30 33h	30h	30h	31 33h	31h	30h	32 33h	32h

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	57h	42h	3Ah	*1	*3	*5	03h
Character		V	W	В	:	*2	*4	*6	

Acceptability

-				
	SECURITY	STANDBY	NO SIGNAL	AV MUTE
	×	×	×	×

Note:

• This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.

2.35. Daylight View

	Hexadecimal	02h	56h	58h	58h	3Ah	44h	4Ch	56h	49h
	Character		V	X	X	;	D	L	V	Ī
	Hexadecimal	30h	3Dh	2Dh	*1	*3	*5	*7	*9	03h
	Character	0	=	+	*2	*4	*6	*8	*10	

Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

FRONT Installation

	1011									
		OFF								
Hexadecimal	30h	30h	30h	30h	30h					
Character	0	0	0	0	0					
	AUTO									
Hexadecimal	30h	30h	30h	30h	31h					
Character	0	0	0	0	1					
			ON							
Hexadecimal	30h	32h								
Character	0	0	0	0	2					

REAR Installation

		OFF								
Hexadecimal	30h	30h	30h	30h	30h					
Character	0	0	0	0	0					
			ON							
Hexadecimal	30h	30h	30h	30h	31h					
Character	0	0	0	0	1					

Response (Callback)

In the period when the command can be accepted

	Hexadecimal	02h	56h	58h	58h	3Ah	44h	4Ch	56h	49h
[-	Character		V	Χ	X	:	D	L	V	I
[-	Hexadecimal	30h	3Dh	$2\mathrm{Dh}$	*1	*3	*5	*7	*9	03h
	Character	0	=	+	*2	*4	*6	*8	*10	

		NO SIGNAL	
×	×	×	×

2.36. TV-System

	•												
	Hexadecimal	02	2h	56h	53h	47h	3 <i>A</i>	λh	*1	*3	*5	5 ()3h
	Character			V	S	G	:	:	*2	*4	*6	3	
Par	rameters (*1, *	2 , * 3, * 4	l, * 5, * 6	3)									
			AUTC)		NTSC		N	VTSC4.	43		PAL	
	Hexadecimal	41h	55h	54h	4Eh	54h	53h	4Eh	34h	34h	50h	41h	4Ch
	Character	A	Ü] T	N	T	\mathbf{s}	N	4	4	P	A	L
L			PAL-N	1		PAL-N			SECAN	<u> </u>			
L	Hexadecimal	50h	41h	4Dh	50h	41h	$4\mathrm{Eh}$	53h	45h	43h			
	Character	Р	A	M	Р	Α	N	S	Е	C]		
Res	sponse (Callba	ck)											
Ī	n the period w	hen the	comma	and can b	e accep	oted							
L	Hexadecimal	02h	56h	53h	47h	ı 3Ah	*1	*	3 [;	*5 ()3h		
L	Character		V	S	G	:	*2	*	4 ;	*6			
1	Acceptability												
ļ	SECURITY	STAND	BY N	O SIGN	AL A	V MUTE	2						
	×	\times				\times							

Note:

2.37. Still Mode

Hexadecimal	02h	56h	53h	4Dh	3Ah	*1	03h	1	
Character		V	S	$\overline{\mathrm{M}}$: : : : : : : : : : : : : : : : : : : :	*2		1	
Parameters (*1, *	*2)							-	
		OFF	1		ON				
Hexadecimal		30h			31h				
Character		0			1				
Response (Callba	ck)								
In the period w	vhen the	e comma	and can b	e acce	oted				
Hexadecim	al	02h	56h	53h	4Dh	3A1	n *	1 03h	
Character	?		V	\mathbf{S}	M	:	*	2	
Acceptability	·					_			
SECURITY	STAN	OBY N	O SIGN	AL A	V MUTE	.]			
X	×		X		Χ				

Note

2.38. Noise Reduction

Hexadecimal	02h	56h	4Eh	52h	3Ah	*1	03h		
Character		V	N	R		*2			
Parameters (*1,	*2)	•							
		OI	FF		ON				
Hexadecima	1	30)h		31h				
Character	·)		1				
Response (Callb									
In the period	when t	he comr	<u>nand can l</u>	oe accep	oted				
Hexadecir	nal	02 h	56h	$4\mathrm{Eh}$	52h	3A1			03h
Characte	r		V	N	R	:	*	2	
Acceptability						_			
SECURITY	STA	NDBY	NO SIGN	IAL A	V MUTE	_[
X		×	X		X	_			

Note:

 $[\]bullet$ This command is acceptable only when the input is VIDEO or S-VIDEO. In other cases, ER401 is returned.

[•] This command is acceptable only when the input is VIDEO or S-VIDEO. In other cases, ER401 is returned.

[•] This command is acceptable only when the input is VIDEO or S-VIDEO. In other cases, ER401 is returned.

2.39. Keystone

Hexadecimal	02h	4Fh	4Bh	53h	3Ah	*1	*3	*5	03h
Character	[Ö	К	S	:	*2	*4	*6	

Parameters (*1, *2, *3, *4, *5, *6)

	-32				-31			-30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h	
Character		3	2		3	1		3	0	
	30			31						
		30			31			32		
Hexadecimal	30h	30 33h	30h	30h	31 33h	31h	30h	32 33h	32h	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Bh	53h	3Ah	*1	*3	*5	03h
Character		0	K	S		*2	*4	*6	[

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
· · · · · · · · · · · · · · · · · · ·			
_			_ ^

2.40. Realtime Keystone

Hexadecimal	02h	$4\mathrm{Fh}$	41h	4Bh	3Ah	*1	03 h
Character		Ö	Α	K		*2	

Parameters (*1, *2)

	ON	OFF
Hexadecimal	31h	30h
Character	1	0

Response (Callback)

In the period when the command can be accepted

Ì	Hexadecimal	02h	4Fh	41h	4Bh	3Ah	*1	03h
	Character		0	Α	K	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
X			X

2.41. Horizontal Position

Hexadecimal	02h	56h	48h	50h	3Ah	*1	*3	*5	*7	03h
Character		V	H	Р	: : : : : : : : : : : : : : : : : : : :	*2	*4	*6	*8	

Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

		-12	27		-126					
Hexadecimal	2Dh	33h	32h	37h	2Dh 33h 32h					
Character	_	1	2	7		1	2	6		
		126	3		$1\overline{27}$					
Hexadecimal	30h	33h	32h	36h	30h	33h	32h	37h		
Character	0	1	2	6	0	1	2	7		

Response (Callback)

In the period when the command can be accepted

	Hexadecimal	02h	56h	48h	50h	3Ah	*1	*3	* 5	*7	03h
İ	Character		V	Н	Р	:	*2	*4	*6	*8	

Acceptability

	STANDBY	NO SIGNAL	AV MUTE
X	X	X	X

2.42. Vertical Position

Hexadecimal	02h	56h	56h	50h	3Ah	*1	*3	*5	03h
Character	[V	V	P	[*2	*4	*6	[

Parameters (*1, *2, *3, *4, *5, *6)

 	., -, -,	-, -,								
		-64			-63		-62			
Hexadecimal	2Dh	36h	34h	2Dh	36h	33h	2Dh	36h	32h	
Character		6	4		6	3		6	2	
		62			63			64		
Hexadecimal	30h	36h	32h	30h	36h	33h	30h	36h	34h	
Character	0	6	$\frac{1}{2}$	0	6	3	0	6	4	

Response (Callback)

In the period when the command can be accepted

in one period when e	ire committee	ALL OF COULT OF	accepted						
Hexadecimal	02h	56h	56h	50h	3Ah	*1	*3	* 5	03h
Character		V	V	P	:	*2	*4	*6	

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

2.43. Dot Clock

	Hexadecimal	02h	56h	44h	43	h	3Ah	1 *:	1	*3	*5	03h	
	Character		V	D	C	3[:	*2	2	*4	*6		.]
Pε	rameters (*1, *	2, *3, *4,	, *5, *6))									
			-8	32				-31				-30	
	Hexadecimal	2Dh	33	h	32h	21	Dh	33h		31h	$2\mathrm{Dh}$	33h	30h
	Character]	3	3	2			3	7	1		3	0
			30)				31				32	
	Hexadecimal	30h	33	h	30h	30	0h	33h		31h	30h	33h	32h

Character Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	44h	43h	3Ah	*1	*3	*5	03h
Character		V	D	С	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

Note

• This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.

2.44. Clock Phase

Hexadecimal	02h	56h	43h	50h	3Ah	* 1	*3	*5	03h	Ĺ
Character		V	C	P	:	*2	*4	*6		ĺ
Parameters (*1, *	* 2, * 3, * 4	1, *5, *6))							

	-16				-15			-14		
Hexadecimal	2Dh	31h	36h	2Dh	31h	35h	2Dh	31h	34h	
Character		1	6		1	5		1	4	
		14			15			16		
Hexadecimal	30h	31h	34h	30h	31h	35h	30h	31h	36h	
Character	0	1	4	0	1	5	0	1	6	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	43h	50h	3Ah	*1	*3	*5	03h
Character		V	С	Р	;	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	
×	×	×	×

Note

• This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.

2.45. Aspect Ratio

Hexadecii	02h	56h	53h	31h	3Ah	*1	03h
Charact		\overline{V}	S	1	:	*2	

Parameters (*1, *2)

When the input is VIDEO or COMPUTER

	4:3	16:9	S4:3	THROUGH
Hexadecimal	31h	32h	33h	34h
Character	1	2	3	4

When the input is S-VIDEO

	AUTO	4:3	16:9	S4:3	THROUGH
Hexadecimal	30h	31h	32h	33h	34h
Character	0	1	2	3	4

Response (Callback)

In the period when the command can be accepted

ĺ	Hexadecimal	02h	56h	53h	31h	3Ah	*1	03h
	Character		V	\mathbf{S}	1	:	*2	

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	×	×	×

21	6	Frame	Lock
Z.7	·U.	IIaiic	LUCK

	Hexadecimal	02h	56h	46h	4C	h	3Ah	*1	03h		
	Character		V	F	L	,	:	*2			
Pa	rameters (*1, `	*2)									
			OFF	1			ON				
	Hexadecimal		30h				31h				
	Character		0				1				
	sponse (Callba										
	In the period when the command can be						ed				
	Hexadecim	.al				Sh	4Ch	3Al	1 *	1	03h
	Charactei	r		V	F	7	L	:	*	2	
	Acceptability							_			
	SECURITY	STAN	DBY N	O SIGN	AL	AV	MUTE				
	×	×					×	1			

Note:

2.47. Input Guide

Hexadecimal	02h	4Fh	49h	44h	3Ah	*1	03h					
Character		О	I	D	: : : : : : : : : : : : : : : : : : : :	*2						
Parameters (*1, *	2)		•	•			,					
		OFF			SIMP.	LE	DETAILED					
Hexadecimal		30h			31h		32h					
Character		0			1				2			
Response (Callba				•			•			-		
In the period w	hen the	comma	nd can b	e accept								
Hexadecima	al	02h	4Fh	49h	44h	3Ah	*	1	03h			
Character			O	I	D		*	2				
Acceptability												
SECURITY	STANI	DBY N	IO SIGN	AL AV	MUTE							
×	0		0		0							

2.48. OSD Design

[]	Hexadecimal	02h	$\perp 4\mathrm{Dh}$	4Fh	44h	[_3Ah	*1]_03h_					
	Character		M	0	D.	: : : : : : : : : : : : : : : : : : : :	*2]	1				
Pa	rameters (*1,	*2)	•	•	•		•	•	-				
			TYF	PE1		TYP	E2		TYPE3				
	Hexadecimal		30)h		31	h		32h				
	Character		C)		1				$\overline{2}$			
	sponse (Callba				•			·					
	In the period v	vhen the	e comn	nand can b	e acce	pted							
	Hexadecim	al	02h	4Dh	4Fh	44h	3A	h ¦	'1	03h			
	Characte	r		M	O	D	:	}	2	1			
	Acceptability									_			
	SECURITY	STAN	DBY	NO SIGN	AL 1	AV MUTE							
	X												

2.49. Computer2 Select

_							_										
	Hexadecimal		02h	L	4Fh	52ł	1	49l	1	3A	h	*1]	*3	*	5	03h
	Character			[0	R		I		:		*2		*4	*	6	
Pa	rameters (*1, *	2, *3,	* 4, * 5,	*6)												
			INP	UT			JO	JTPU'	Γ								
	Hexadecimal	32h	. 49	h	4Eh	32h	ı J	4Fh	55	5h							
	Character	2	I		N	2		O	J	J							
	sponse (Callba		,			,											
	In the period w	hen t	ne com	ma	nd can	be acc	ept	$_{ m ed}$									
	Hexadecimal	021	1 4	Fh	52h	. 4	9h	3A	h	*1		*3	,	*5 0	3h		
	Character			Ō	R		Ī] : : :		*2		*4		*6			
	Acceptability		•		•	•					•			•			
	SECURITY	STAN	IDBY	N	IO SIG1	NAL	AV	MUT	Έ								
	×	>	<		0			0									

Note:

[•] This command is only acceptable when the input is COMPUTER1 or COMPUTER2 and the input signal is RGB signal (60 Hz signals) that can lock frame. In other cases, ER401 is returned.

 $[\]bullet$ When the COMPUTER2 input has been selected, it is not possible to use it.

2	50	Cor	atrol	Pane

Hexadecimal	02h	43h	50h	4Bh	3Ah	*1	03h		
Character		C	P	K		*2			
rameters (*1, †	*2)							-	
		VALI	D		INVAL	ID			
Hexadecimal		30h			31h				
Character	-[0			1				
sponse (Callba	ick)			•					
In the period v	vhen th	e comma	and can b	e accep	ted				
Hexadecim	al	02h	43h	50h	4Bh	3A1	n *	1	03h
Characte	?		С	Р	K		*	2	
Acceptability	•	•							
SECURITY	STAN	DBY 1	NO SIGN	AL A	V MUTE				
×	Ö		×		0	_			
	Hexadecimal Character esponse (Callba In the period v Hexadecim Character Acceptability SECURITY	Character arameters (*1, *2) Hexadecimal Character esponse (Callback) In the period when the Hexadecimal Character Acceptability SECURITY STAN	Character C arameters (*1, *2) VALI Hexadecimal 30h Character 0 esponse (Callback) In the period when the commander Hexadecimal 02h Character Acceptability SECURITY STANDBY	Character C P arameters (*1, *2) VALID Hexadecimal 30h Character 0 esponse (Callback) In the period when the command can be the period when the command can be command can be compared to the command can be com	Character C P K arameters (*1, *2) VALID VALID Hexadecimal 30h 30h Character 0 esponse (Callback) In the period when the command can be accepted. Hexadecimal 02h 43h 50h Character C P Acceptability SECURITY STANDBY NO SIGNAL A	Character C P K : arameters (*1, *2) VALID INVAL Hexadecimal 30h 31h Character 0 1 esponse (Callback) In the period when the command can be accepted Hexadecimal 02h 43h 50h 4Bh Character C P K Acceptability SECURITY STANDBY NO SIGNAL AV MUTE	Character C P K *2 arameters (*1, *2) VALID INVALID Hexadecimal 30h 31h Character 0 1 esponse (Callback) In the period when the command can be accepted Hexadecimal 02h 43h 50h 4Bh 3Al Character C P K Acceptability SECURITY STANDBY NO SIGNAL AV MUTE	Character C P K *2 arameters (*1, *2) VALID INVALID Hexadecimal 30h 31h Character 0 1 esponse (Callback) In the period when the command can be accepted Hexadecimal 02h 43h 50h 4Bh 3Ah * Character C P K : * Acceptability SECURITY STANDBY NO SIGNAL AV MUTE	Character C P K *2 arameters (*1, *2) VALID INVALID Hexadecimal 30h 31h Character 0 1 esponse (Callback) In the period when the command can be accepted Hexadecimal 02h 43h 50h 4Bh 3Ah *1 Character C P K *2 Acceptability SECURITY STANDBY NO SIGNAL AV MUTE

2.51. Power Off Timer

Hexadecimal	02h	4Fh	41h	46h	3Ah	*1	*3	03h		
Character]	0	A	F	: : :	*2	*4		-	
Parameters (*1,	*2, *3, *	4)	•	•	•			•	-	
		OFI	15 60							
Hexadecima	1 3	0 h	30h	3	1h	35h	3	6h	30	h
Character		0	0	1		5		6	C)
Response (Callb				•			•	•		
In the period	when the	e comma	and can l	be accept	ed					
Hexadecin	ıal	02h	4Fh	41h	46h	3Ah	*1		*3	03h
Characte	r		0	Α	F	: : :	*2	2	*4	
Acceptability	•	·				_				
SECURITY	STAN	DBY N	O SIGN	JAL AV	MUTE					

2.52. Direct Power On

Hexadecimal	02h	4Fh	50h	59h		3Ah	*1	0;	3h			
Character		Ö	P	Ϋ́		:	* 2	1	1			
Parameters (*1,	*2)		•			•						
		OF.	F			ON						
Hexadecimal		30ł	1			31h						
Character		0				1						
Response (Callba												
In the period v		comm	and can b	e acce	eptec	<u>d</u>						_
Hexadecim	al	02 h	$4\mathrm{Fh}$	50h	1	59h	3A	h	*	<u> </u>	03h	.]
Character	2		С	Р		Y	:		*	2		
Acceptability							_					
SECURITY	STANI)BY	NO SIGN	AL .	AV I	MUTE						
×	×		0			0						

2.53. Auto Setup

Hexadecimal	02h	4Fh	53h	53]	h	3Ah	*1	03h		
Character		O	S	S	[:	*2			
Parameters (*1,	*2)									
		BUT'	TON			AUTO)			
Hexadecimal		30	h			31h				
Character		0)			1				
Response (Callba										
In the period v	ed									
Hexadecim	al	02h	4Fh	53	53h 53h		3Al	1 *	1	03h
Character	•		О	S		S	:	*	2	
Acceptability							_			
SECURITY	STAN	DBY	NO SIGN	AL	$\overline{\text{AV}}$	MUTE	_[
×	C)	0			0				

2.54. Signal Search	cr	1
---------------------	----	---

Hexadecimal	02h	4Fh	53h	52h	3Ah	*1	03h
Character		О	S	R	: :	*2	
Parameters (*1.	*2)						

	OFF	ON		
Hexadecimal	30h	31h		
Character	0	1		

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	52h	3Ah	*1	03h
Character		О	\mathbf{S}	R	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	0	0	0

2.55. Language

Hexadecimal	02h	4Fh	4Ch	47h	3Ah	*1	*3	*5	03h
Character		Ō	L	G	:	*2	*4	*6	

Parameters (*1, *2, *3, *4, *5, *6,)

nameters (1, 4,	J, 4, t), 0,/								
		English			German			French		
Hexadecimal	45h	4Eh	47h	44h	45h	55h	46h	52h	41h	
Character	Ē	N	G	D	E	U	F	R	A	
		Spanish			Italian			Japanese		
Hexadecimal	45h	53h	50h	49h	54h	4Ch	4Ah	50h	4Eh	
Character	E	S	P	I	T	Ĺ	J	P	N	
		Chinese			Russian		Korean			
Hexadecimal	43h	48h	49h	52h	55h	53h	4Bh	4Fh	52h	
Character	C	Н	I	R	U	S	K	0	R	
	P	ortugues	se		Swedish			Norwegian		
Hexadecimal	50h	4Fh	52h	53h	56h	45h	$4\mathrm{Eh}$	4Fh	52h	
Character	Р	О	R	S	V	E	N	О	R	
		Danish			Polish			Czech		
Hexadecimal	44h	41h	4Eh	50h	4Fh	4Ch	43h	45h	53h	
Character	D	A	N	P	О	Ĺ	C	E	S	
	Hungarian		Thai							
Hexadecimal	4Dh	41h	47h	54h	48h	41h				
Character	M	A	G	Т	H	Ā				

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Ch	47h	3Ah	*1	*3	*5	03h
Character		О	L	G	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	0	0	0

2.56. Installation

Hexadecimal	02h	$4\mathrm{Fh}$	49h	4Ch	3Ah	*1	03h
Character		0	I	L	:	*2	

Parameters (*1, *2)

cidinotoro (1,	CHICOUR (1, 1)										
	FRONT/DESK	REAR/DESK	FRONT / CEILING	REAR/CEILING							
Hexadecimal	30h	31h	32h	33h							
Character	0	1	2	3							

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	49h	4Ch	3Ah	*1	03h
Character		О	I	L	:	*2	

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	0	0	×

2.5	7	_	\sim	0	ΛI	P_{R}	ㅁ-
70	,	ҡ	L٦	D.	/ T	rĸ.	r

	Hexadecimal	02h	4Fh	52h	46h	3Ah	*1	03h		
	Character		0	R	F	:	*2			
Pa	rameters (*1, †	(2)								
			RGB		Y	YPBPR		I	AUT()
	Hexadecimal		30h			31h			32h	
	Character		0			1			2	
Re	sponse (Callba	ck)								
	In the period v	hen the	comma	nd can l	oe accept	$_{ m ed}$				
	Hexadecim	al	02h	4Fh	52h	46h	3A1	n *	1	03h
	Character	,		О	R	F	:	*	2	
	Acceptability						_			
	SECURITY	STANI	OBY N	IO SIGN	IAL AV	MUTE				
	×	0		0		X				
Nic	to'		-		-					

• This command is only acceptable when the input is COMPUTER1 or COMPUTER2 and the input signal can be switched to RGB and YPbPr. In other cases, ER401 is returned.

2.58. Function

Hexadecimal

	Citatactor	Ü								
Pa	rameters (*1, *	2)		•			•	- '		
		AV MUT	\mathbf{E}	FR	EEZE		AUTO S	ETUP		
	Hexadecimal	30h		į	31h		321	ı		
	Character	0			1		2			
		INDEX-WIN	DOW	AS	PECT	P	ICTURE	MODE	CLOSED	
									CAPTION	
	Hexadecimal	33h		;	34h		35l	ı	36h	

Character Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	46h	43h	3Ah	*1	03h
Character		O	F	C		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	0	0	

Note:

• Parameter CLOSED CAPTION is available only for PT-LB80NTU/LB80U/LB75NTU/LB75U. In other models, ER402 is returned.

2.59. Altitude

Hexadecimal	02h	4Fh	46h	4Dh	3Ah	*1	03h
Character		Ö	F	M	:	*2	
Parameters (*1, ³	*2)				•		

_	ramouto (1, 1	-/	
		OFF	ON
	Hexadecimal	30h	31h
	Character	0	1

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	46h	4Dh	3Ah	*1	03h
Character		Ö	F	M	:	*2	

SECURITY	STANDBY	NO SIGNAL	AV MUTE
X	0		0

2.60. Lamp Power

	Hexadecimal	02h	4F'h	4Ch	50h	3Ah	*1	03h		
Ĺ	Character		0	L	Р	: : : : : : : : : : : : : : : : : : : :	*2			
\overline{P}	arameters (*1, *	(2)								
		E	CO-MOI	E	STA	NDARI				
	Hexadecimal		30h			31h				
	Character		0			1				
Response (Callback)										
In the period when the command can be accepted										

Hexadecimal Character

Ĺ	acceptability			
I	SECURITY	STANDBY	NO SIGNAL	AV MUTE
Γ	×			

2.61. Closed Caption

Hexadecimal	02h	4Fh	43h	43h	3Ah	*1	03h
Character		0	C	C	: : :	*2	[

Parameters (*1, *2)

	OFF	CC1	CC2	CC3	CC4
Hexadecimal	30h	31h	32h	33h	34h
Character	0	1	2	3	4

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	43h	3Ah	*1	03h
Character		Ö	C	C	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×	\mathbb{T}	×	×

Note

2.62. Audio Volume

Hexadecimal	02h	41h	56h	4Ch	3Ah	*1	*3	*5	03h
Character		Α	V	L	: : : : : : : : : : : : : : : : : : : :	*2	*4	*6	

Parameters (*1, *2, *3, *4, *5, *6)

arameters (1, 2	1, 0, 1,	0, 0,							
		0			1			2	
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
		61			62			63	
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	56h	4Ch	3Ah	*1	*3	*5	03h
Character		A	V	L	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×		×	×

Note:

 $[\]bullet$ This command is acceptable only for PT-LB80NTU/LB80U/LB75NTU/LB75U. In other models, ER401 is returned.

 $[\]bullet\,$ During STANDBY, this command is available only when "AUDIO IN STANDBY" is "ON".

2.63. Audio Balance

Hexadecimal	02h	41h	42h	4C	h 3	3Ah	*1	*	3	*5	03h		
Character		A	В	L		-:	*2	*	4	*6		-]	
Parameters (*1, *	2, * 3, * 2	1, *5, *6)										
-16 -15 -14													
Hexadecimal	2Dh	. 31	h 3	36h	2Dh	1	31h	35h		2Dh	31h	34h	
Character]			6			1	5			1	4	
		1	1				15				16		
Hexadecimal	30h	31	h [34h	30h		31h	35h	L _	30h	31h	36h	
Character	0]		4	0		1	5		0	1	6	
Response (Callbac													
In the period w	$hen\ the$	comma	nd can l	be acc	epted								
Hexadecima	al	02h	41h	4	2h	4C	h	3Ah]	*1	*3	*5	03h
Character	Character A						,	:		*2	*4	*6	
Acceptability							_						
SECURITY	STANI	DBY N	O SIGN	IAL	AV M	UTE							

Note:

2.64. SXGA Mode

I_F	Hexadecimal	02h	4Fh	53h	58	h	3Ah	*1	0	3h		
	Character		Ö	$ \mathbf{S} $	X			*2	7			
Par	rameters (*1, *	(2)										
			SXGA			S_{2}	XGA+					
	Hexadecimal	1	30h				31h					
	Character		0				1					
Res	sponse (Callba	ck)						,				
I	In the period w	hen th	e comma	nd can l	oe acc	epte	ed					
	Hexadecim	al	02h	4Fh	53	h	58h	3 <i>A</i>	λh	*1]	03h
	Character	,		О	S	3	X			*2		
Ā	Acceptability											
	SECURITY STANDBY NO SIGNAL AV MUTE											

Note:

2.65. Wide Mode

	Character		0	X		3	: :	*2]			
Pa	rameters (*1, *	(2)										
			OFF				ON					
	Hexadecimal		30h				31h					
	Character		0				1					
	sponse (Callba											
	In the period w	hen th	e comm	and can	be ac	cept	ed					
	Hexadecim	al	02h	$4\mathrm{Fh}$	5	8h	47h	3,	Ah	*1]	03h
	Character	,		0		Χ	G		:	*2		
	Acceptability											
	SECURITY	STAN	DBY	NO SIGI	VAL	AV	MUTE					
	×	×		×			×					

 Hexadecimal
 02h
 4Fh
 58h
 47h
 3Ah
 *1
 03h

Note:

[•] During STANDBY, this command is available only when "AUDIO IN STANDBY" is "ON".

[•] This command is only acceptable when the input is COMPUTER1 or COMPUTER2 and the input signal is SXGA. In other cases, ER401 is returned.

[•] This command is only acceptable when the input is COMPUTER1 or COMPUTER2 and the input signal is XGA. In other cases, ER401 is returned.

2	66	RI	ack	Ro	arc
∠.	UU.	ப	aun	பப	aıı

Hexadecimal	02h	4Fh	42h	42h	3Ah	*1	03h]
Character		0	В	В	:	*2		
Parameters (*1, *	(2)							-
		OFF			ON			
Hexadecimal		30h			31h			
Character		0			1			
Response (Callba	ck)							
In the period w	hen the	comma	nd can l	e accept	$_{ m ed}$			
Hexadecim	al	02h	$4\mathrm{Fh}$	42h	42h	3A	h *	1
Character			O	В	В	:	*	2
Acceptability						_		

2.67. Back Color

Hexadecimal	02h	4Fh	42h	43h	3Ah	*1	03h		
Character		0	В	С	: : : : : : : : : : : : : : : : : : : :	*2			
Parameters (*1. *2)									

	BLUE	BLACK
Hexadecimal	30h	31h
Character	0	1

Response (Callback)

In the period when the command can be accepted

in the period when the communication be decepted									
Hexadecimal	02h	4Fh	42h	43h	3Ah	*1	03h		
Character]	0	В	C	:	*2			

03h

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
×		0	×

2.68. Startup Logo

Hexadecimal	02h	$4\mathrm{Dh}$	4Ch	4Fh	3Ah	*1	03h
Character		Μ	L	0	: :	*2	

Parameters (*1, *2)

	OFF	ON	USER
Hexadecimal	30h	31h	32h
Character	0	1	2

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	4Ch	4Fh	3Ah	*1	03h
Character		M	L	Ö	:	*2	

Acceptability

	STANDBY	NO SIGNAL	
×		\cap	

2.69. Wireless LAN Select

Character O N S : *2 *4 *6	Hexadecimal	02h	4Fh	4Eh	53h	3Ah	*1	*3	*5	03h
			0	N	S	:	*-	Jr 4	4-0	

Parameters (*1, *2, *3, *4, *5, *6,)

		1			2			3	
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	4			USER1			USER2		
Hexadecimal	30h	30h	34h	30h	30h	35h	30h	30h	36h
Character	0	0	4	0	0	5	0	0	6
	USER3			WSSS			DISABLE		
Hexadecimal	30h	30h	30h	30h	30h	38h	30h	30h	30h
Character	0	0	0	0	0	8	0	0	0

Response (Callback)

In the period when the command can be accepted

 1									
Hexadecimal	02h	4Fh	4Eh	53h	3Ah	*1	*3	*5	03h
Character		0	N	S	:	*2	*4	*6	

<u>-</u>			
SECURITY	STANDBY	NO SIGNAL	AV MUTE
X	X	X	X

[•] This command is available only for PT-LB80NT**/LB75NT**.

2.70. Query Power

Hexadecimal	02h	51h	50h	57h	03h	
Character		Q	P	W		
Response (Callba	ick)					
OFF						
Hexadecim	ıal	02h	30h	30h	31h	03h
Characte	r		0	0	0	
ON	•					
Hexadecim	ıal	02h	30h	30h	31h	03h
Characte	r		0	0	1	
Acceptability		•				
SECURITY	STAN	NDBY 1	NO SIGN	JAL AV	/ MUTE	

2.71. Query Lamp Status

Hexadecimal	02h	51h		24h	53l	1	03h
Character		Q		\$	S		
Response (Callba	ick)						
Lamp OFF							
Hexadecima	al 0:	2h	30	h	03h		
Character			0			1	
In turning ON		•		•			
Hexadecima	al 0:	2h	31	h	03h		
Character			1			1	
Lamp ON		,		,			
Hexadecima	al 0:	2h	32	h	03h		
Character			2			1	
In turning OF	F						
Hexadecima	al 0:	2h	33	h	03h		
Character			3			1	
Acceptability		·		,			
SECURITY	STANI	OBY	NO	SIG	NAL	A	V MUTE
0	0			0			0

2.72. Query Input Select

Hexadecimal	02h	. 51h		49h	4E	h	03h		
Character		Q		I	N				
Response (Callba	ick)	•							
COMPUTER1									
Hexadecim	ıal	02h		52h	47	7h	31h	L _	03h
Characte	r			R		3	1		
COMPUTER2									
Hexadecim	ıal	02h		52h	47	7h	32h	L	03h
Characte	r			R	(3	2		
VIDEO									
Hexadecim	ıal	02h		56h	49	∂h	44h	L	03h
Characte	r			V		[D		
S-VIDEO									
Hexadecim	ıal	02h		53h	56	3h	44h		03h
Characte	r			\mathbf{S}	7	V	D		
NETWORK									
Hexadecim	ıal	02h		$4\mathrm{Eh}$	57	7h	50h	L	03h
Characte	r			N	V	V	Р		
Acceptability									
SECURITY	STA	NDBY	N	IO SIGN	JAL	AV	MUTI	€	
0		×		0			0		

2.73. Query FREEZE

Hexadecimal	02h	51h	1	46h	5Al	n	03h	
Character		Q		F	Z		[
Response (Callba	ick)							
OFF								
Hexadecima	al 0	2h	;	30h	03h			
Character				0		1		
ON						_		
Hexadecima	al 0	2h		31h	03h			
Character				1]		
Acceptability	•							
SECURITY	STAN	DBY	N	OSIG	NAL	Α	V MUTE	3
0	×			0			0	

2.74. Query Index-Window

Character Q I X Response (Callback) OFF Hexadecimal 02h 30h 03h Character 0 0 50% Hexadecimal 02h 31h 03h Character 1 03h 03h Character 2 03h 100% Hexadecimal 02h 33h 03h Character 3 3h 03h Acceptability Acceptability Acceptability	TT 1 1 1	0.0	-1	~ 11		401		101	0.01	٦
Response (Callback) OFF Hexadecimal 02h 30h 03h Character 0 0 0 50% Hexadecimal 02h 31h 03h Character 1 02h 32h 03h Character 2 100% Hexadecimal 02h 33h 03h Character 3 Acceptability	Hexadecimal	02	<u>4h</u>	51r	<u></u>	49h	_ [5	8h	03h]
OFF Hexadecimal 02h 30h 03h Character 0 0 50% Hexadecimal 02h 31h 03h Character 1 02h 32h 03h Hexadecimal 02h 32h 03h 03h Character 2 100% Hexadecimal 02h 33h 03h Character 3 Acceptability	Character			Q		Ι		Χ		
Hexadecimal 02h 30h 03h 50% Hexadecimal 02h 31h 03h Character 1 75% Hexadecimal 02h 32h 03h Character 2 100% Hexadecimal 02h 33h 03h Character 3 Acceptability	Response (Callba	ick)								-
Character 0 50% Hexadecimal 02h 31h 03h Character 1 75% Hexadecimal 02h 32h 03h Character 2 100% Hexadecimal 02h 33h 03h Character 3 Acceptability	OFF									
50% Hexadecimal 02h 31h 03h Character 1 75% Hexadecimal 02h 32h 03h Character 2 100% Hexadecimal 02h 33h 03h Character 3 Acceptability	Hexadecima	al	0:	2h		30h	99	3h		
Hexadecimal 02h 31h 03h Character 1 1 75% Hexadecimal 02h 32h 03h Character 2 100% Hexadecimal 02h 33h 03h Character 3 Acceptability	Character					0		1		
Character 1 75% Hexadecimal 02h 32h 03h Character 2 100% Hexadecimal 02h 33h 03h Character 3 Acceptability	50%									
75%	Hexadecima	al	0:	2h		31h	90	3h		
Hexadecimal 02h 32h 03h Character 2 100% Hexadecimal 02h 33h 03h Character 3 Acceptability	Character					1				
Character 2 100% 33h 03h Hexadecimal 02h 33h 03h Character 3 3 Acceptability 3 3	75%									
100% Hexadecimal 02h 33h 03h Character 3 Acceptability	Hexadecima	al	0:	2h	;	32h	05	3h		
Hexadecimal 02h 33h 03h Character 3 Acceptability	Character					2				
Character 3 Acceptability	100%			•						
Acceptability	Hexadecima	al	0:	2h		33h	03	3h		
· · · · · · · · · · · · · · · · · ·	Character					3				
SECURITY STANDBY NO SIGNAL AV MUTE	Acceptability			,						
	SECURITY	ST	'ANI	ЭВY	N	IO SIC	NAI	_ A	V MUT	Е
O X O O			×		ļ	0			0	

2.75. Query Auto Setup Status

Hexadecimal	02h	51h	41h	53h	03h
Character		Q	A	s	
Response (Callba	ick)	•	•	•	•
OFF					
Hexadecima	al 0:	2h	30h	03h	
Character			0		
In execution					_
Hexadecima	al 0:	2h	31h	03h	
Character			1		
Acceptability	·		,		
SECURITY	STANI	DBY 1	NO SIGNAL		AV MUTE
	0		0		

2.76. Query Audio Volume Level

Hexadecimal	02h	511	1	41h	1	56h		03h	
Character		Q		A		V			
Response (Callba	ick)								
In the period when the command can be accepted									
Hexadecimal 02h *1 *3 *5 03h								03h	
Character									
Acceptability									
SECURITY STANDBY NO SIGNAL AV MUTE									
Parameters (*1, *2, *3, *4, *5, *6)									

		0			1			2	
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
		61			62			63	
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

Note:

• During STANDBY, this command is available only when "AUDIO IN STANDBY" is "ON".

2.77. Query Audio Balance

Hexadecimal	02	h	51h	42l	1	4Ch	03h			
Character			Q	В		L				
Response (Callba	ick)									
In the period when the command can be accepted										
Hexadecimal 02h *1 *3 *5 03h										
Character				*2		*4	*6			
Acceptability										
SECULIATIV	QT.	ANIDE	V N	JO QI	α	TAT	AXZ MAT I	TE		

···	amount i, a	, 0, 1,	0, 0,							
			-16			-15			-14	
	Hexadecimal	2Dh	31h	36h	2Dh	31h	35h	2Dh	31h	34h
	Character		1	6		1	5		1	4
			14			15			16	
	Hexadecimal	30h	36h	31h	30h	31h	35h	30h	31h	36h
	Character	0	1	4	0	1	5	0	1	6

Note:

2.78. Query Picture Mode

Hexadecimal	02h	51h	50h	4Dh	03h
Character		Q	Р	M	
Response (Callba	ick)				

In the period when the command can be accepted

Hexadecim	02h	*1	*3	*5	03h
al			L	l	
Character		*2	*4	*6	
4 1 1111					

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
0	×	×	0

Parameters (*1, *2, *3, *4, *5, *6)

	D.	YNAM	[C	N	ATUR <i>A</i>	TURAL STANDARD		BLACKBOARD				
Hexadecimal	44h	59h	4Eh	$4\mathrm{Eh}$	41h	54h	53h	54h	44h	42h	42h	44h
Character	D	Y	N	N	A	$^{\mathrm{T}}$	S	Т	D	В	В	D

2.79. Query Color

Hexadecimal	02h	51h	56h	43h	03h
Character		Q	V	Ċ	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

J			
SECURITY	STANDBY	NO SIGNAL	AV MUTE
Ö	×	×	0

arc	uneters $(1, 2, 0, 4,$	0, 0/								
			-32			-31			-30	
	Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
[-	Character	_	3	2	_	3	1	_	3	0
		30			31			32		
	Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
	Character	0	3	0	0	3	1	0	3	2

 $[\]bullet$ During STANDBY, this command is available only when "AUDIO IN STANDBY" is "ON".

2.80. Query Tint

Hexadecimal	02h	51h	56h	54h	03h
Character		Q	V	Т	
Response (Callba	ick)				

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
	×	×	0

Parameters (*1, *2, *3, *4, *5, *6)

		-32		-31			-31 -30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	$2\mathrm{Dh}$	33h	30h
Character	_	3	2	_	3	1	_	3	0
	30			31			32		
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

2.81. Query Brightness

Hexadecimal	02h	51h	56h	42h	03h
Character		Q	V	В	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
0	×	×	Ö

Parameters (*1, *2, *3, *4, *5, *6)

~~	amount (1, 2, 0, 1, 0, 0)										
			-32			-31			-30		
	Hexadecimal	$2\mathrm{Dh}$	33h	32h	2Dh	33h	31h	2Dh	33h	30h	
[Character	_	3	2	_	3	1	_	3	0	
			30			31			32		
	Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h	
[Character	0	3	0	0	3	1	0	3	2	

2.82. Query Contrast

Hexadecimal	02h	51h	56h	52h	03h
Character		ြ	V	R.	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
0	×	×	0

		-32			-31			-30	
Hexadecimal	2Dh	33h	32h	$2\mathrm{Dh}$	33h	31h	2Dh	33h	30h
Character		3	2	_	3	1	_	3	0
		30			31			32	
	1								
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h

2.83. Query Color Temperature

Hexadecimal	02h	51h	54h	45h	03h
Character		Q	T	E	
Rosponso (Callbe	olz)				

In the period when the command can be accepted Hexadecimal 02h Character

Acceptability

SECURITY NO SIGNAL

Parameters (*1, *2)

	LOW	STANDARD	HIGH
Hexadecimal	30h	31h	32h
Character	0	1	2

2.84. Query Sharpness

Hexadecimal	02h	51h	56h	53h	03h
Character		Q	V	\mathbf{S}	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
0	×	×	Ö

Parameters (*1, *2, *3, *4, *5, *6)

	ances (1, 2 , 0, 1,	0, 0,									
			-08			-07			-06		
	Hexadecimal	2Dh	30h	38h	2Dh	30h	37h	2Dh	30h	36h	
[-	Character		0	8	_	0	7	_	0	6	
			13			14			015		
	Hexadecimal	30h	31h	33h	30h	31h	34h	30h	31h	35h	
Ĺ	Character	0	1	3	0	1	4	0	1	5	

2.85. Query White Balance - R

Hexadecimal	02h	51h	57h	52h	03h
Character		Q	W	R	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03 h
Character		*2	*4	*6	

Acceptability

SECURITY		NO SIGNAL	
Ö	×	×	0

Parameters (*1, *2, *3, *4, *5, *6)

		-32			-31			-30	
Hexadecimal	2Dh	33h	32h	$2\mathrm{Dh}$	33h	31h	2Dh	33h	30h
Character	_	3	2	_	3	1	_	3	0
		30			31			32	
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

2.86. Query White Balance - G

Hexadecimal	02h	51h	57h	47h	03h
Character		Q	W	G	

Response (Callback)

In the period when the command can be accepted

	F										
Hexadecimal	02h	*1	*3	* 5	03h						
Character		*2	*4	*6							

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
0	×	×	0

		-32			-31			-30	
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character		3	2	_	3	1	_	3	0
		30			31			32	
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

2.87. Query White Balance - B

Hexadecimal	02h	51h	57h	42h	03h				
Character		Q	W	В					
Response (Callback)									
In the period when the command can be accepted									

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
0	×	×	0

Parameters (*1, *2, *3, *4, *5, *6)

Г			-32			-31			-30	
	Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	$2\mathrm{Dh}$	33h	30h
	Character	_	3	2	_	3	1	_	3	0
			30			31			32	
	Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Ĺ	Character	0	3	0	0	3	1	0	3	2

2.88. Query Daylight View

Hexadecimal	02h	51h	56h	58h	3Ah	44h	4Ch	56h	49h	30h
Character		Q	V	X	: : : : : : : : : : : : : : : : : : : :	D	L	V	Ī	0

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Ch	56h	49h	30h	3Dh	2Dh
Character		D	L	V	Ī	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
Ö	×	×	Ö

Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

FRONT Installation

	OFF						
Hexadecimal	30h	30h	30h	30h	30h		
Character	0	0	0	0	0		
	AUTO						
Hexadecimal	30h	30h	30h	30h	31h		
Character	0	0	0	0	1		
			ON				
Hexadecimal	30h	30h	30h	30h	32h		
Character	0	0	0	0	2		
DEAD I 4 II 4:							

REAR Installation

			OFF					
Hexadecimal	30h	30h	30h	30h	30h			
Character	0	0	0	0	0			
		ON						
Hexadecimal	30h	30h	30h	30h	31h			

2.89. Query TV-System

Hexadecimal	02h	51h	53h	47h	03h
Character		Q	\mathbf{s}	G	[

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
0	×	0	0

Parameters (*1, *2, *3, *4, *5, *6)

		AUTO			NTSC		N	JTSC4.4	-3		PAL	
Hexadecimal	41h	55h	54h	4Eh	54h	53h	4Eh	34h	34h	50h	41h	4Ch
Character	A	Ü	T	N	Т	\mathbf{S}	N	4	4	Р	A	L
		PAL-M			PAL-N			SECAM	[
Hexadecimal	50h	41h	4Dh	50h	41h	4Eh	53h	45h	43h			
Character	P	Ā	M	Р	A	N	S	É	C			

Note:

 $[\]bullet$ This command is acceptable only when the input is VIDEO or S-VIDEO. In other cases, ER401 is returned.

2.90. Query Still mode

-						
Hexadecimal	02h	51h	53h	54h	03h	
Character		Q	$ \mathbf{s} $	T		
Response (Callback)						
In the period when the command can be accepted						
Hexadecima	1 02	h '	*1	03h		
Character *2						
Acceptability						
SECURITY	STANI	DBY N	JO SIG	NAL.	AV MUTE	

SECURITY	STANDBY	NO SIGNAL	AVMUTE
0	×	×	0
rameters (*1, *	(2)		

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

Note:

2.91. Query Realtime Keystone

Hexadecimal	02h	51h	41h	4Bh	03h					
Character		Q	A	K						
Response (Callback)										
In the period v	when the	comma	ınd can	be acce	epted					
Hexadecima	Hexadecimal 02h *1 03h									
Character			2							

Acceptability

receptability			
SECURITY	STANDBY	NO SIGNAL	AV MUTE
0	×	×	0

Parameters (*1, *2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.92. Query Keystone

Hexadecimal	02h	51h	4Bh	53h	03h
Character		Q	К	$_{ m S}$	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	DIANDDI	NO SIGNAL	AV MUTE
0	Ö	0	0

Parameters (*1, *2, *3, *4, *5, *6)

	-32				-31		-30		
Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
Character		3	2		3	1		3	0
	30				31			32	
Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Character	0	3	0	0	3	1	0	3	2

2.93. Query Horizontal Position

Hexadecimal	02h	51h	48h	50h	03h
Character		Q	Н	Р	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	* 6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
0	×	×	0

u													
		-127			-126				-125				
	Hexadecimal	2Dh	31h	32h	37h	2Dh	31h	32h	36h	2Dh	31h	32h	35h
	Character		1	2	7		1	2	6		1	2	5
Ī			125			126			127				
Ī	Hexadecimal	31h	32h	35h	31h	32h	36h	31h	32h	37h			
	Character	1	2	5	1	2	6	1	2	7			

 $[\]bullet$ This command is acceptable only when the input is VIDEO or S-VIDEO. In other cases, ER401 is returned.

2.94. Query Vertical Position

He	xadecimal	02h	51h	56	h	50h	03h		
C	haracter		Q	V		P			
Response (Callback)									
In the period when the command can be accepted									
	Hexadecimal		02h	*1	*1 *3		*5	03h	
[Characte	r		*2		*4	*6		
Acceptability									
S	SECURITY	STAN	DBY	NOS	IGN <i>A</i>	AL A	V MUTE		
[\cap	<u>×</u>	?		×				

Parameters (*1, *2, *3, *4, *5, *6)

u	anicocis (1, 2,	o, i, c	, 0,							
Ī			-64			-63			-62	
	Hexadecimal	2Dh	36h	34h	2Dh	36h	33h	$2\mathrm{Dh}$	36h	32h
	Character	_	6	4		6	3	_	6	2
		6	2	6	3	6	4			
	Hexadecimal	36h	32h	36h	33h	36h	34h			
	Character	6	2	6	3	6	4			

2.95. Query Clock Phase

Hexadecimal	02h	51h	43h	50h	03h
Character		Q	C	Р	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
Ö	×	×	0

Parameters (*1, *2, *3, *4, *5, *6)

		-16			-15			-14	
Hexadecimal	2Dh	31h	36h	2Dh	31h	36h	2Dh	31h	36h
Character		1	6		1	6		1	4
		14			15			16	
Hexadecimal	30h	31h	34h	30h	31h	35h	30h	31h	36h
Character	1 <u>-</u>	1	r	r	[[] -	T	1	

Note

2.96. Query Dot Clock

Hexadecimal	02h	51h	44h	43h	03h
Character		Q	D	C	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
0	×	×	

Parameters (*1, *2, *3, *4, *5, *6)

			-32			-31			-30	
	Hexadecimal	2Dh	33h	32h	2Dh	33h	31h	2Dh	33h	30h
	Character	_	3	2		3	1		3	0
			30			31			32	
	Hexadecimal	30h	33h	30h	30h	33h	31h	30h	33h	32h
Ĺ	Character	0	3	0	0	3	1	0	3	2

Note:

[•] This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.

[•] This command is acceptable only when the input is COMPUTER1 or COMPUTER2. In other cases, ER401 is returned.

- · · · - · · · · · · · · · · · · · · ·		-					
Hexadecimal	02h	51h	46]	h 4	Ch	03h	
Character		Q	F		L		
Response (Callba							
In the period when the command can be accepted							
Hexadecima	Hexadecimal 02h				.]		
Character			*2				
Acceptability							
SECURITY STANDBY NO SIGNAL AV MUTE							
O X X							
Parameters (*1, *2)							

OFF

30h

0

2.98.	Query	Input	Guide

Hexadecimal

Character

Hexadecimal	02h	51h	44h	49h	03h
Character		Q	D	Ī	

Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
Ö	0	0	0

Parameters (*1, *2)

	OFF	SIMPLE	DETAILED
Hexadecimal	30h	31h	32h
Character	0	1	2

ON

31h

2.99. Query OSD Design

Hexadecimal	02h	51h	4Fh	44h	03h
Character		Q	O	D	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	[]

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
0	0	0	0

Parameters (*1, *2)

	TYPE1	TYPE2	TYPE3
Hexadecimal	30h	31h	32h
Character	0	1	2

2.100. Query ASPECT Ratio

	Hexadecimal	02h	51h	53h	31h	03h
Character Q S 1	Character		Q	S	1	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	[03h]
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
0	×	×	0

Parameters (*1, *2)

When the input is VIDEO or COMPUTER

	4:3	16:9	S4:3
Hexadecimal	31h	32h	33h
Character	1	2	3

When the input is S-VIDEO

	AUTO	4:3	16:9	S4:3
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

2.101. Query AV Mute

	Hexadecimal	02h	51h		53h	48h	1	03h	
	Character		Q		S	Н			
$R\epsilon$	Response (Callback)								
	OFF								
	Hexadecima	al 0:	2h	301	n]	03h			
	Character			0					
	ON						_		
	Hexadecima	al 0:	2h	31]	ı	03h			
	Character			1					
	Acceptability	•					_		
	SECURITY	STANI)BY	NO	SIGN	VAL	A	V MUTI	3
	0	×			0			0	

2.102. Query Auto Setup

Hexadecimal	02h	-1.51	ı 58	3h	_ 53h		03h	
Character		T Q		3	S			
Response (Callba								
In the period v	vhen tl	$\operatorname{he}\operatorname{com}$	mand	can	be acc	ept	$_{ m ed}$	
Hexadecima	1 ()2h	*1	(03h			
Character			*2					
Acceptability								
SECURITY	STAN	NDBY	NO S	SIGN	IAL	AV	MUTE	

Parameters (*1. *2)

	BUTTON	AUTO
Hexadecimal	30h	31h
Character	0	1

2.103. Query Signal Search

Hexadecimal	02h	51h	53h	52h	03h
Character		Q	S	R	
D (O 111	1)				

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

ĺ	SECURITY	STANDBY	NO SIGNAL	AV MUTE
	Ō	×	0	0

Parameters (*1, *2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.104. Query RGB/YPBPR

Hexadecimal	02h	51h	52h	46h	03h
Character		Q	R	F	
Rosponso (Callbo	olz)				

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

O X O	0

	RGB	YPBPR	AUTO
Hexadecimal	30h	31h	32h
Character	0	1	2

2.105. Query Lamp Power

-		-						
Hexadecin	nal	02h	51h	4C	h 50	h 03h		
Characte	- 1		Q	L	P			
Response (C								
In the period when the command can be accepted								
TT 3			1	-1-1	0.01	1		

Hexadecimal 02h Character

Acceptability SECURITY

Parameters (*1, *2)

	ECO-MODE	STANDARD
Hexadecimal	30h	31h
Character	0	1

2.106. Query Display Language

Hexadecimal	02h	əın	4Ch	47h	03h
Character		Q	L	G	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
0	0	0	0

Parameters (*1, *2, *3, *4, *5, *6)

, ,		English			German		French			
Hexadecimal	45h	4Eh	47h	44h	45h	55h	46h	52h	41h	
Character	E	N	G	D	E	Ü	F	R	Α	
		Spanish			Italian		,	Japanese		
Hexadecimal	45h	53h	50h	49h	54h	4Ch	4Ah	50h	$4\mathrm{Eh}$	
Character	Е	\mathbf{S}	Р	I	Τ	L	J	Р	N	
		Chinese			Russian			Korean		
Hexadecimal	43h	48h	49h	52h	55h	53h	4Bh	4Fh	52h	
Character	С	Н	I	R	U	\mathbf{S}	K	0	R	
	P	ortugues	uguese Swedish Norwegian			n				
Hexadecimal	50h	4Fh	52h	53h	56h	45h	4Eh	4Fh	52h	
Character	Р	0	R	S	V	E	N	0	R	
		Danish			Polish			Czech		
Hexadecimal	44h	41h	4Eh	50h	4Fh	4Ch	43h	45h	53h	
Character	D	A	N	P	Ö	L	Ċ	E	S	
	H	Iungaria	n		Thai					
Hexadecimal	4Dh	41h	47h	54h	48h	41h				
Character	M	Α	G	Т	Н	Α				

2.107. Query Computer2 Select

Hexadecima	d = 02h	51h	52h	49h	03h
Character		Q	R	Ī	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
	×	0	0

		INPUT			OUTPUT			
Hexadecimal	32h	49h	4Eh	32h	4Fh	55h		
Character	2	I	N	2	O	Ü		

2.108. Query SXGA Mode

Hexadecimal	02h	511	h 53h		58h	03h		
Character		Q	Q S		X			
Response (Callback)								
In the period v	vhen th	ie com	mand	can l	be acce	epted		
Hexadecima	1 0	2h	*1)3h			
Character			*2					
Acceptability								
SECURITY	STAN	IDBY	NO S	SIGN	JAL .	AV MUTI	$\overline{\mathbf{C}}$	
0	>	<	[×		0		
Parameters (*1,	*2)		•		•			
	SXGA SXGA+							
Hexadecin	nal	30h				31h		
Characte	r		0			1		

2.109. Query Wide Mode

Hexadecimal	02h	51h		58]	h	47h	1	03h
Character		Q		X		G		
Response (Callba	Response (Callback)							
In the period v	when th	ie com	mai	nd c	an l	be acc	cep	ted
Hexadecima	al 0	2h	*	1	()3h]	
Character			*	2			1	
Acceptability							-	
SECURITY	STAN	DBY	N	OS	[GN]	IAL	A	V MUTE
	×	(T		×			0
Parameters (*1,	*2)							
	OFF ON							
Hexadecin	nal	30h				31h		
Characte	r		(ī				1

2.110. Query Noise Reduction

10. Quely 1401	oc itca	actic	<i>,</i> ,,						
Hexadecimal	02h	51	h	4E	h	52h		03h	
Character		({	N		R			-1
esponse (Callba	ack)								_
In the period v	when th	e con	nma	$\operatorname{and} c$	an	be acc	epte	$_{ m ed}$	
Hexadecima	al 02	2h	,	' 1	(03h			
Character			;	* 2	· · · ·				
Acceptability	•								
SECURITY	STAN	DBY	N	S	[G]	NAL	AV	MU'	ΓE
	×				×			0	
rameters (*1,	*2)								
				OFF	'				ON
Hexadecii	mal			30h					31h
Charact	er	[0		<u></u>]			1
lote:						'			

 $[\]bullet$ This command is acceptable only when the input is VIDEO or S-VIDEO. In other cases, ER401 is returned.

2.111. Query Black Board

I	Hexadecimal	02h	51	h	42]	h	42h		03h		
	Character		G)	В	I	В				
	sponse (Callba										
	In the period v	vhen th	ie con	ıma	and c	an b	e acc	ep	ted		
	Hexadecima	$1 \boxed{0}$	2h	,	' 1	0	3h				
	Character			;	2						
Acceptability											
	SECURITY	STAN	IDBY	N	NO SIGNAL			A	V MUTE	7	
	0	>	<		(S^{T}			0		
Pa	rameters (*1,	*2)									
									ON		
	Hexadecin	nal		3	30h				31h		
	Characte	r			0				1		

2.112. Query Back Color

	-									
	Hexadecimal	02h	51	l h	42	h	43h	ı .	03h	
	Character			3	В		C			
$\overline{\mathrm{Re}}$	sponse (Callba									
	In the period v	vhen t	he cor	nma	and c	an b	e acc	ep	ted	
	Hexadecima	d	02h	l	*1	0	3h			
	Character		,	*2						
	Acceptability									
	SECURITY	STA	NDBY	NDBY NO SIGNAI			AL	A	V MUT	\mathbf{E}_{-}
	Ö		×		(C)		0	
Pa	rameters (*1,	*2)		-						<u>-</u>
			BLUE				BLACK			
	Hexadecin		30h					31h		
	Characte	r			0			1		

2.113. Query Installation

Hexadecimal	02h	51h	53h	50h	03h					
Character		Q	S	P						
Response (Callba	ick)	•	•	•	•					
FRONT/DESK										
Hexadecima										
Character			0]					
REAR/DESK										
Hexadecima	al 0	2h	31h	03h						
Character			1		-1					
FRONT/CEIL	ING				_					
Hexadecima	al 0	2h	32h	03h						
Character			2		-1					
REAR/CEILIN	lG				_					
Hexadecima	al 0	2h	33h	03h	7					
Character			3		1					
Acceptability	•	'			-					
SECURITY	STAN	DBY :	NO SIG	NAL	AV MUTI					
1		+-								

2.114. Query Altitude

Hexadecimal	02h	51	h	46]	n	4Dh	. 03	h			
Character		- G)	F		Μ					
Response (Callba											
In the period when the command can be accepted											
Hexadecima	Hexadecimal 02			*1 031		3h					
Character	haracter		*	*2							
Acceptability											
SECURITY	STAI	NDBY	N	S	GN.	AL	AVM	UTE			
0	(Ö		0			C)			
Parameters (*1,	*2)										
			\Box	FF			()N			

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.115. Query Startup Logo

He	xadecimal	02h	51h	4Cl	ı	4Fh	0	3h				
C	haracter		Q	L		О						
	onse (Callba											
<u>In</u>	the period v	vhen the	e comma	and ca	an b	e acc	epted					
	Hexadecimal		h *1		0	3h						
	Character		,	*2								
	Acceptability											
5	SECURITY S'		DBY NO		SIGNAL		AV MUT					
				0			()				

	OFF	ON	USER
Hexadecimal	30h	31h	32h
Character	0	1	2

2.116. Query Lamp Runtime

Hexadecimal	02h	51h	24h	4Ch	03h					
Character		Q	\$	L						
Response (Callback)										

In the period when the command can be accepted

٠	TT 1 1	0.01	4-1	*0	- L	477	0.01
	Hexadecimal	02h	1	^ 3	^ 5	~7	U3h
	Character]	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
0	0	0	0

Parameters (*1, *2, *3, *4, *5, *6)

		0	h		1 h					
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h		
Character	0	0	0	0	0	0	0	1		
		999	98 h		9999 h					
Hexadecimal	39h	39h	39h	38h	39h	39h	39h	39h		
Character	9	9	9	8	9	9	9	9		
	Character Hexadecimal	Character 0 Hexadecimal 39h	Character 0 0 999 Hexadecimal 39h 39h	Character 0 0 0 9998 h Hexadecimal 39h 39h 39h	Character 0 0 0 0 9998 h 9998 h 39h 39h 38h	Character 0 0 0 0 0 9998 h 9998 h 39h 38h 39h	Character 0 0 0 0 0 0 9998 h 9998 h	Character 0 0 0 0 0 0 9998 h 9999 h Hexadecimal 39h 39h 38h 39h 39h		

Note:

2.117. Query Control Panel

ſ	Hexadecimal	02h	51h	50h	4Bh	03h
	Character		Q	P	K	
D (C 111 1)						

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	AV MUTE
Ö	0	0	0

Parameters (*1, *2)

	VALID	INVALID
Hexadecimal	30h	31h
Character	0	1

2.118. Query Power Off Timer

Hexadecimal	02h	51h	41h	46h	03h
Character		Q	A	F	

Response (Callback)

In the period when the command can be accepted

in the period when the command can be accepted				
Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

· receptoning			
SECURITY	STANDBY	NO SIGNAL	AV MUTE
		0	0

Parameters (*1, *2, *3, *4)

	OF]	F	15	5		0
Hexadecimal	30h	30h	31h	35h	36h	30h
Character	0	0	1	5	6	0

2.119. Query Direct Power On

Hexadecimal	02h	51h	50h	59h	03h
Character		Q	Р	Y	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

-	receptability			
	SECURITY	STANDBY	NO SIGNAL	AV MUTE
	0		0	

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

 $[\]bullet\,$ If the lamp runtime cannot be accessed, 0000 is returned.

2.120. Query Closed Caption

Hexadecim	al ()2h	51h		431	1	43h	1	03h	
Character			Q		С		С			
Response (Callback)										
In the period when the command can be accepted										
Hexadeo	Hexadecimal		02h		*1		03h			
Charac	Character			*2						
Acceptability										
SECURI'	$\Gamma Y \mid S'$	STANDBY		NO SIGNAL			ΑV	/ MUTI	E	
		×		×						

	OFF	CC1	CC2	CC3	CC4
Hexadecimal	30h	31h	32h	33h	34h
Character	0	1	2	3	4

Note:
• This command is acceptable only for PT-LB80NTU/LB80U/LB75NTU/LB75U.